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1982

Census of Manufactures

MC82-S-1 (Part 1)

SUBJECT SERIES

General Summary

Part 1. Industry, Product Class, and
Geographic Area Statistics



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The publications
from the 1982 Economic and
Agriculture Censuses are dedicated
to the memory of Shirley Kallek,
Associate Director for Economic Fields.
During her career at the Bureau of the
Census (1955 to 1983), she continually
directed efforts to improve
the timeliness and accuracy of
economic statistics.

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1982 Census of Manufactures

MC82-S-1 (Part 1)

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General Summary

Part 1. Industry, Product Class, and
Geographic Area Statistics

Issued March 1986



U.S. Department of Commerce
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Clarence J. Brown, Deputy Secretary
D. Bruce Merrifield, Acting Under Secretary
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General Summary

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I. General Background

1. ECONOMIC CENSUSES OVER TIME

The early beginnings of America's industrial output were first measured in the United States in the 1810 Decennial Census and again in 1820, when questions on manufacturing were included with those for population. Beginning with the 1840 Decennial Census, there were enumerations of manufactures and mineral industries at 10-year intervals up to and including the year 1900 for manufactures and 1940 for mineral industries. The latter census was again taken for 1954, 1958, 1963, and 1967.

Because of the increasing dominance of manufacturing in the early 20th century, Congress directed that quinquennial censuses of manufactures be taken beginning in 1905. However, from 1919 through 1939, these censuses were conducted every 2 years. The need for war-related current surveys in the early 1940's postponed the next census of manufactures until 1948 (for 1947). That census was again taken for 1954, 1958, 1963, and 1967.

Retail and wholesale trade data were first collected in 1930, and in 1933 information on selected service industries was added to the data-collection operation. These business censuses, as they were called, were again taken for 1935, 1939 (as part of the 1940 decennial program), 1948, 1954, 1958, 1963, and 1967.

Information on construction industries was obtained first in 1930 and again for 1935 and 1939. Data for the full spectrum

of construction industries were not gathered again until 1968 (for 1967).

The need for transportation data to supplement information available from existing governmental or private sources was recognized by Congress in the late 1950's and early 1960's. The census of transportation (consisting of several surveys) was taken first for 1963 and again for 1967.

Since 1967, all of the above censuses have been taken quinquennially as part of the Census Bureau's economic census program. (For the 1977 censuses, the coverage of the service industries was broadened from "selected services" to "all services, except religious organizations and private households." A total of 41 additional four-digit standard industrial classifications¹ (SIC's) in 7 SIC major groups was added to the scope of the census. While most of the industries included for the first time for 1977 were covered again for 1982, some were not, i.e., hospitals; elementary and secondary schools; colleges, universities, and professional schools; junior colleges and technical institutes; labor unions and similar labor organizations; and political organizations.)

The first manufacturing census for an outlying area was conducted in Puerto Rico for the year 1909. Thereafter, with the exception of 1929, a census was taken at 10-year intervals through 1949. The first censuses of retail trade, wholesale trade,

¹Standard Industrial Classification Manual: 1972. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Stock No. 041-001-00066-6. 1977 Supplement. Stock No. 003-00500176-0.

and selected service industries in Puerto Rico were conducted for 1939. These censuses also were taken for the years 1949, 1954, 1958, 1963, and 1967. A census of construction industries was introduced first in Puerto Rico for 1967. These censuses of Puerto Rico have been taken since then for the years 1972, 1977, and 1982.

Censuses of manufactures, retail trade, wholesale trade, and selected service industries were conducted in Guam and the Virgin Islands of the United States for 1958, 1963, 1967, 1972, 1977, and 1982. Censuses of mineral industries were taken in the Virgin Islands of the United States for the years 1958, 1963, and 1967 but not since that time. A census of construction industries was also undertaken in these areas for 1972, 1977, and 1982.

Retail trade, wholesale trade, selected service industries, manufacturing, and construction industries were canvassed for the first time in the Northern Mariana Islands in 1983 (for 1982).

For 1982, the economic censuses and agriculture censuses were conducted concurrently.

2. USES OF THE ECONOMIC CENSUSES

The economic censuses are the major source for facts about the structure and functioning of the Nation's economy and provide essential information for government, business, industry, and the general public. They provide an important part of the framework for such composite measures as the gross national product, input-output measures, indexes of industrial production, and indexes measuring productivity and price levels. Information from the censuses is used to establish sampling frames and as benchmarks for current surveys of business activity, which are essential for measuring short-term economic conditions.

State and local governments use census data to assess business activities within their jurisdictions. The private sector uses the data to forecast general economic conditions; analyze sales performance; lay out sales territories; allocate funds for advertising; decide on locations for new plants, warehouses, or stores; and measure potential markets in terms of size, geographic areas, kinds of business, and kinds of products made or sold.

Following every census, thousands of businesses and other users purchase reports. Likewise, census facts are disseminated widely by trade associations, business journals, and newspapers. Volumes containing census statistics are available in most major public and college libraries. All 1982 data are available on microfiche from the U.S. Government Printing Office and most data on computer tape from the Census Bureau. Finally, the more than 50 State Data Centers also are suppliers of economic census statistics.

3. AUTHORITY AND SCOPE OF THE ECONOMIC CENSUSES

The economic censuses are required by law under title 13 of the United States Code, sections 131, 191, and 224, which directs that they be taken at 5-year intervals for the years ending in 2 and 7. The 1982 Economic Censuses covered manufacturing, mining, construction industries, retail trade, wholesale trade, service industries, and selected transportation activities. Special programs also cover minority-owned and women-owned

businesses. The next economic censuses are scheduled to be taken in 1988 for the year 1987.

4. CONTENT OF THE ECONOMIC CENSUSES

General—The economic censuses provide a comprehensive statistical profile of a large segment of the national economy. This program includes censuses of manufactures, retail trade, wholesale trade, selected service industries, mineral industries, and construction industries. In 1982, these industries accounted for nearly 60 percent of the \$3,021.3 billion of the gross domestic product and 88 percent of that originating in the private sector. The principal industry groups not covered were finance, insurance, and real estate; agriculture, forestry, and fishing; communications; electric, gas, and sanitary services; and transportation. Limited information on transportation is collected, e.g., truck registration and distances travelled, and shipments of commodities by type of transport and distance shipped. The dates of each of the economic censuses are shown in table A.

Enterprise statistics—Through the history of the economic censuses, the unit of enumeration has been the establishment; i.e., a single physical location engaged in a specific line of business (for more discussion, see section 11). This unit is suited for obtaining measures of direct output and input—labor, material, capital, etc. It is also best suited for providing refined industry and geographic tabulations. Statistics measuring overall income and balance sheet data are best collected at the company or enterprise level. In the early 19th century, these two business units were often identical. With the rise of large scale operations, it became quite common for the large companies to operate separate manufacturing establishments in a number of diverse industries so that today the establishment and enterprise frequently are not the same. Enterprise measures and balance-sheet data have typically been provided by the Internal Revenue Service (IRS) in its Statistics of Income and the Census Bureau in its Quarterly Financial Report of Corporations.

In 1954, as part of the economic censuses program, the Bureau of the Census also developed an enterprise statistics program. This program relates census company-level data to data measuring activities of individual operating units or establishments within the companies. Thus, a measurement of the integration and diversification of the American enterprise system became available. The enterprise statistics program also made it possible to link census establishment-based data on a modified basis to enterprise-based statistical systems, such as the IRS's Statistics of Income for Corporations.

5. CHARACTERISTICS OF THE INDUSTRIAL SECTOR

General—Manufacturing is the largest sector of the economy. In 1982, manufacturing plants employed 19 million persons, or 26 percent of the civilian labor force of 74.3 million. As shown in table B, gross domestic product (GDP) originating in manufacturing averages almost 21 percent of the total. Finance, insurance, and real estate combined was the next largest sector with 16 percent of the GDP.

Table A. Years Covered by Economic Censuses: 1809 to 1982

| Year covered | Manufac- tures | Mineral industries | Fisheries | Construction industries | Retail trade | Wholesale trade | Service industries ¹ | Transportation ² |
|--------------|-------------------|-----------------------|-----------|----------------------------|-----------------|--------------------|------------------------------------|-----------------------------|
| 1809 | X | — | — | — | — | — | — | — |
| 1819 | X | — | — | — | — | — | — | — |
| 1839 | X | — | — | — | — | — | — | — |
| 1840 | — | X | — | — | — | — | — | — |
| 1849 | X | — | — | — | — | — | — | — |
| 1850 | — | X | — | — | — | — | — | — |
| 1859 | X | — | — | — | — | — | — | — |
| 1860 | — | X | — | — | — | — | — | — |
| 1869 | X | — | — | — | — | — | — | — |
| 1870 | — | X | — | — | — | — | — | — |
| 1879 | X | — | — | — | — | — | — | — |
| 1880 | — | X | X | — | — | — | — | — |
| 1889 | X | X | X | — | — | — | — | — |
| 1899 | X | — | — | — | — | — | — | — |
| 1902 | — | X | — | — | — | — | — | — |
| 1904 | X | — | — | — | — | — | — | — |
| 1908 | — | — | X | — | — | — | — | — |
| 1909 | X | X | — | — | — | — | — | — |
| 1914 | X | — | — | — | — | — | — | — |
| 1919 | X | X | — | — | — | — | — | — |
| 1921 | X | — | — | — | — | — | — | — |
| 1923 | X | — | — | — | — | — | — | — |
| 1925 | X | — | — | — | — | — | — | — |
| 1927 | X | — | — | — | — | — | — | — |
| 1929 | X | X | — | X | X | X | — | — |
| 1931 | X | — | — | — | — | — | — | — |
| 1933 | X | — | — | — | X | X | X | — |
| 1935 | X | X | — | X | X | X | X | — |
| 1937 | X | — | — | — | — | — | — | — |
| 1939 | X | X | — | X | X | X | X | — |
| 1947 | X | — | — | — | — | — | — | — |
| 1948 | — | — | — | — | X | X | X | — |
| 1954 | X | X | — | — | X | X | X | — |
| 1958 | X | X | — | — | X | X | X | — |
| 1963 | X | X | X | — | X | X | X | X |
| 1967 | X | X | X | X | X | X | X | X |
| 1972 | X | X | — | X | X | X | X | X |
| 1977 | X | X | — | X | X | X | X | X |
| 1982 | X | X | — | X | X | X | X | X |

— Not published. X Published.

¹Actual coverage varied from census to census.²Limited information only.

Cyclical changes—The need for frequent and comprehensive statistics on manufacturing derives as much from its sensitivity to cyclical influences as from its relative size. Cyclical changes in income originating in manufacturing tend to be relatively larger than in the economy as a whole, as can be seen in the movement of national income originating in manufacturing from 1929 to 1933 and 1933 to 1939 in table C.

Within manufacturing, durable goods industries accounted for about 60 percent of all manufactures during recent periods. This

category tends to be more volatile than nondurable goods, generally accounting for a smaller percentage of all manufactures during periods of contraction and a larger percentage during periods of expansion. For example, in the early thirties durable goods manufacturing fell to only about one-third of the total.²

²Based on national income rather than gross domestic product (GDP). Industry detail for GDP is available only from 1947; whereas, industry detail for national income is available from 1929 and encompasses the very depressed period of the 1930's.

Table B. Gross Domestic Product by Industry for Selected Years: 1947 to 1982

| Industry | 1947 | 1954 | 1958 | 1963 | 1967 | 1972 | 1977 | 1982 |
|---|-----------------------------------|-------|-------|-------|-------|---------|---------|---------|
| | Billion dollars | | | | | | | |
| Gross national product ¹ | 233.1 | 366.8 | 449.7 | 596.7 | 799.6 | 1 185.9 | 1 918.0 | 3 069.3 |
| Gross domestic product ¹ | 231.8 | 364.5 | 446.6 | 591.8 | 793.7 | 1 175.0 | 1 894.5 | 3 021.3 |
| Manufacturing | 66.2 | 106.4 | 123.8 | 167.4 | 222.3 | 292.5 | 462.4 | 630.6 |
| Nondurable goods | 32.7 | 45.6 | 54.1 | 69.8 | 88.7 | 119.3 | 185.3 | 266.5 |
| Durable goods | 33.5 | 60.8 | 69.7 | 97.6 | 133.6 | 173.2 | 276.6 | 364.0 |
| Wholesale and retail trade | 44.2 | 60.9 | 75.2 | 96.1 | 130.1 | 199.5 | 322.5 | 489.6 |
| Government and government enterprises | 19.3 | 36.9 | 47.1 | 65.9 | 96.3 | 155.4 | 237.2 | 364.7 |
| Services | 20.2 | 30.5 | 42.3 | 60.0 | 86.1 | 136.5 | 234.3 | 430.9 |
| Finance, insurance, and real estate | 23.2 | 46.5 | 62.4 | 85.3 | 114.2 | 169.8 | 274.0 | 491.0 |
| Contract construction | 9.1 | 17.2 | 21.0 | 27.4 | 37.5 | 59.4 | 86.7 | 123.7 |
| Transportation | 13.6 | 18.1 | 20.9 | 24.9 | 32.1 | 45.6 | 71.2 | 106.4 |
| Agriculture, forestry, and fisheries | 20.8 | 20.7 | 21.9 | 22.0 | 24.2 | 35.4 | 53.8 | 85.5 |
| Electric, gas, and sanitary services | 3.8 | 8.0 | 10.7 | 14.9 | 18.5 | 28.8 | 49.9 | 88.4 |
| Communication | 3.1 | 6.5 | 8.9 | 13.1 | 18.0 | 29.8 | 49.4 | 85.9 |
| Mining | 6.8 | 10.9 | 12.4 | 13.1 | 14.6 | 19.0 | 48.6 | 125.1 |
| Rest of the world ¹ | 1.3 | 2.3 | 3.1 | 4.9 | 5.9 | 10.9 | 23.5 | 48.0 |
| | Percent of gross domestic product | | | | | | | |
| Gross national product ¹ | (X) | (X) | (X) | (X) | (X) | (X) | (X) | (X) |
| Gross domestic product ¹ | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Manufacturing | 28.7 | 29.2 | 27.7 | 28.3 | 28.0 | 25.0 | 24.4 | 20.9 |
| Nondurable goods | 14.2 | 12.5 | 12.1 | 11.8 | 11.2 | 10.2 | 9.8 | 8.8 |
| Durable goods | 14.5 | 16.7 | 15.6 | 16.5 | 16.8 | 14.8 | 14.6 | 12.1 |
| Wholesale and retail trade | 19.2 | 16.7 | 16.8 | 16.2 | 16.4 | 17.0 | 17.0 | 16.2 |
| Government and government enterprises | 8.4 | 10.1 | 10.5 | 11.1 | 12.1 | 13.3 | 12.5 | 12.1 |
| Services | 8.8 | 8.4 | 9.5 | 10.1 | 10.8 | 11.6 | 12.4 | 14.3 |
| Finance, insurance, and real estate | 10.1 | 12.8 | 14.0 | 14.4 | 14.4 | 14.5 | 14.6 | 16.3 |
| Contract construction | 4.0 | 4.7 | 4.7 | 4.6 | 4.7 | 5.1 | 4.6 | 4.1 |
| Transportation | 5.9 | 5.0 | 4.7 | 4.2 | 4.0 | 3.9 | 3.8 | 3.5 |
| Agriculture, forestry, and fisheries | 9.0 | 5.7 | 4.9 | 3.7 | 3.0 | 3.0 | 2.8 | 2.8 |
| Electric, gas, and sanitary services | 1.7 | 2.2 | 2.4 | 2.5 | 2.3 | 2.5 | 2.6 | 2.9 |
| Communication | 1.3 | 1.8 | 2.0 | 2.2 | 2.3 | 2.5 | 2.6 | 2.8 |
| Mining | 3.0 | 3.0 | 2.8 | 2.2 | 1.8 | 1.6 | 2.6 | 4.1 |
| Rest of the world ¹ | .6 | .6 | .7 | .8 | .7 | .9 | 1.2 | 1.6 |

Source: U.S. Department of Commerce. Survey of Current Business, July 1984.

(X) Not applicable.

¹Gross national product is the market value of goods and services produced by labor and property supplied by residents of the United States. Gross domestic product is the value of goods and services attributable to labor and property located within the United States. It equals GNP less the "Rest of the world" which is the net inflow of labor and property income from abroad.

Table C. Total National Income and Amounts Originating in Durable and Nondurable Manufactures for Selected Years: 1929 to 1982

[Billion dollars]

| Year | Gross national product ¹ | Gross domestic product ¹ | National income with- out capital consumption adjustment ¹ | National income originating in manufacturing | | | Manufacturing as percent of national income (D ÷ C) | Durable goods industries as percent of total manufacturing (F ÷ D) |
|------------|---|---|---|---|-----------------------------------|--------------------------------|---|---|
| | | | | Total | Nondurable goods industries | Durable goods industries | | |
| | | | | | | | | |
| A | B | C | D | E | F | G | H | |
| 1982 | 3 069.3 | 3 021.3 | 2 486.9 | 630.6 | 266.5 | 364.0 | 25 | 58 |
| 1981 | 2 957.8 | 2 907.5 | 2 414.0 | 643.6 | 256.8 | 386.8 | 27 | 60 |
| 1980 | 2 631.7 | 2 586.4 | 2 174.0 | 581.5 | 231.1 | 350.4 | 27 | 60 |
| 1979 | 2 417.8 | 2 375.2 | 2 015.8 | 563.2 | 218.9 | 344.3 | 28 | 61 |
| 1978 | 2 163.9 | 2 134.3 | 1 802.0 | 518.7 | 202.0 | 316.7 | 29 | 61 |
| 1977 | 1 918.0 | 1 894.5 | 1 582.6 | 411.5 | 162.9 | 248.6 | 26 | 60 |
| 1976 | 1 718.0 | 1 697.5 | 1 413.0 | 366.6 | 149.9 | 216.7 | 26 | 59 |
| 1975 | 1 549.2 | 1 531.9 | 1 267.4 | 317.7 | 132.1 | 185.6 | 25 | 59 |
| 1974 | 1 434.2 | 1 414.4 | 1 176.8 | 301.4 | 120.6 | 180.8 | 26 | 60 |
| 1973 | 1 326.4 | 1 310.4 | 1 094.1 | 285.3 | 108.7 | 176.7 | 26 | 62 |
| 1972 | 1 185.9 | 1 175.0 | 969.9 | 252.3 | 98.3 | 154.0 | 26 | 61 |
| 1971 | 1 077.6 | 1 068.5 | 878.1 | 226.5 | 92.1 | 134.5 | 26 | 59 |
| 1970 | 992.7 | 985.4 | 814.8 | 215.1 | 87.7 | 127.4 | 26 | 59 |
| 1969 | 944.0 | 937.1 | 780.8 | 221.9 | 85.7 | 136.2 | 28 | 61 |
| 1968 | 873.4 | 866.7 | 722.7 | 212.7 | 81.6 | 129.4 | 31 | 59 |
| 1967 | 799.6 | 793.7 | 661.5 | 193.7 | 74.8 | 119.0 | 29 | 61 |
| 1966 | 756.0 | 750.3 | 627.0 | 189.7 | 72.2 | 117.5 | 30 | 62 |
| 1965 | 691.1 | 685.2 | 571.1 | 171.3 | 65.9 | 105.4 | 30 | 62 |
| 1964 | 637.7 | 632.2 | 524.2 | 154.2 | 61.3 | 93.2 | 29 | 60 |
| 1963 | 596.7 | 591.8 | 488.6 | 143.8 | 57.5 | 86.3 | 29 | 60 |
| 1962 | 565.0 | 560.5 | 463.4 | 136.1 | 55.1 | 81.0 | 29 | 60 |
| 1961 | 524.6 | 520.7 | 433.3 | 125.1 | 52.7 | 72.4 | 29 | 58 |
| 1960 | 506.5 | 502.9 | 420.8 | 125.1 | 51.9 | 73.2 | 30 | 59 |
| 1959 | 487.9 | 484.6 | 406.8 | 124.3 | 51.2 | 73.1 | 31 | 59 |
| 1958 | 449.7 | 446.6 | 373.4 | 107.9 | 45.8 | 62.1 | 29 | 58 |
| 1957 | 444.0 | 440.5 | 371.7 | 116.3 | 46.4 | 70.0 | 31 | 60 |
| 1956 | 421.7 | 418.5 | 355.7 | 113.2 | 46.3 | 66.9 | 32 | 59 |
| 1955 | 400.0 | 397.3 | 335.5 | 108.0 | 44.0 | 63.9 | 32 | 59 |
| 1954 | 366.8 | 364.5 | 307.2 | 94.7 | 39.7 | 55.0 | 31 | 58 |
| 1953 | 366.8 | 364.6 | 309.0 | 100.5 | 40.3 | 60.2 | 33 | 60 |
| 1952 | 348.0 | 345.7 | 295.5 | 92.6 | 38.3 | 54.3 | 31 | 59 |
| 1951 | 330.8 | 328.7 | 281.7 | 90.3 | 38.4 | 51.9 | 32 | 57 |
| 1950 | 286.5 | 284.8 | 244.0 | 76.3 | 33.4 | 42.9 | 31 | 56 |
| 1949 | 258.3 | 256.9 | 220.1 | 64.8 | 30.6 | 34.3 | 29 | 53 |
| 1948 | 259.5 | 257.9 | 226.7 | 68.8 | 32.9 | 35.9 | 30 | 52 |
| 1947 | 233.1 | 231.8 | 201.0 | 59.6 | 28.1 | 31.5 | 30 | 53 |
| 1943 | 192.1 | 191.6 | 171.5 | 58.3 | 19.6 | 38.6 | 34 | 66 |
| 1939 | 90.9 | 90.5 | 73.2 | 18.1 | 9.1 | 9.0 | 25 | 50 |
| 1935 | 72.5 | 72.1 | 57.6 | 13.4 | 7.3 | 6.1 | 23 | 46 |
| 1933 | 55.8 | 55.5 | 40.6 | 7.7 | 4.9 | 2.8 | 19 | 36 |
| 1932 | 58.3 | 57.9 | 43.1 | 7.3 | 5.2 | 2.1 | 17 | 29 |
| 1929 | 103.4 | 102.6 | 87.2 | 21.9 | 10.6 | 11.3 | 25 | 52 |

Source: U.S. Department of Commerce. Survey of Current Business, July 1982; July 1984.

¹Gross national product is the market value of goods and services produced by labor and property of the United States. Gross domestic product is the value of goods and services produced within the United States. National income is gross national product less capital consumption allowances, indirect business taxes, and business transfers plus subsidies less surplus of government enterprises.

Table D. Employment in Manufacturing Establishments by Region: 1849 to 1982

| Year | United States | North-east | North Central | South | West |
|-----------------------------|---------------|------------|---------------|-------|-------|
| Number of employees (1,000) | | | | | |
| 1982 | 19 094 | 4 799 | 5 406 | 5 816 | 3 073 |
| 1977 | 19 590 | 5 008 | 6 272 | 5 593 | 2 717 |
| 1972 | 19 029 | 5 306 | 6 135 | 5 221 | 2 367 |
| 1967 | 18 492 | 5 573 | 6 059 | 4 553 | 2 305 |
| 1963 | 16 235 | 5 190 | 5 239 | 3 780 | 2 025 |
| 1958 | 15 423 | 5 242 | 5 017 | 3 382 | 1 779 |
| 1947 | 14 294 | 5 429 | 5 109 | 2 710 | 1 054 |
| 1939 | 9 527 | 3 879 | 3 184 | 1 852 | 612 |
| 1929 | 10 198 | 4 246 | 3 516 | 1 758 | 675 |
| 1899 | 5 077 | 2 629 | 1 474 | 793 | 181 |
| 1849 | 957 | 696 | 110 | 146 | 4 |
| Percent of U.S total | | | | | |
| 1982 | 100 | 25 | 29 | 30 | 16 |
| 1977 | 100 | 26 | 32 | 29 | 14 |
| 1972 | 100 | 28 | 32 | 27 | 13 |
| 1967 | 100 | 30 | 33 | 25 | 12 |
| 1963 | 100 | 32 | 32 | 23 | 13 |
| 1958 | 100 | 34 | 33 | 22 | 12 |
| 1947 | 100 | 38 | 36 | 19 | 7 |
| 1939 | 100 | 41 | 34 | 20 | 6 |
| 1929 | 100 | 42 | 35 | 17 | 7 |
| 1899 | 100 | 52 | 29 | 16 | 4 |
| 1849 | 100 | 73 | 12 | 15 | (Z) |

Source: Census of Manufactures

Note: Detail may not add to totals because of independent rounding. 1849 data include hand and neighborhood industries which were excluded from censuses of manufactures beginning with 1899.

Table E. Establishments and Value Added by Manufacture by Size of Establishment: 1982

[Cumulative percentage]

| Employment size class | Establishments | Value added by manufacture |
|----------------------------|----------------|----------------------------|
| All establishments . . . | 100.0 | 100.0 |
| 1 to 4 employees | 32.5 | .9 |
| 1 to 9 employees | 49.7 | 2.4 |
| 1 to 19 employees | 66.1 | 5.6 |
| 1 to 49 employees | 82.3 | 13.2 |
| 1 to 99 employees | 90.1 | 22.1 |
| 1 to 249 employees | 96.2 | 38.4 |
| 1 to 499 employees | 98.5 | 53.5 |
| 1 to 999 employees | 99.5 | 68.4 |
| 1 to 2,499 employees | 99.9 | 82.8 |

Source: Census of Manufactures

Geographic distribution—In the early and middle 19th century, manufacturing activity was concentrated in the Northeast. Over the past 130 years, as shown in table D, there has been a steady decline in the proportion accounted for by the Northeastern

States. Industry expanded into the North Central Region in the latter part of the 19th century and, in more recent years, displayed a marked growth in the South and West.

Size distribution—Manufacturing activity tends to be characterized by relatively large-scale operations. While there are many small manufacturing plants, they account for a relatively small part of the total output of goods. As shown in table E, more than half of the plants covered in the 1982 Census of Manufactures were very small, employing less than 10 workers, but they accounted for less than 3 percent of total manufacturing activity as measured by value added by manufacture. (See appendixes for definition of value added.)

6. CENSUS OF MANUFACTURES—BENCHMARK STATISTICS

In the farm-oriented economy of the early 19th century, the need for industrial statistics for setting government policy, except for tariffs and taxes, was slight. A few series on physical output of commodities originated either from private sources (flour, iron, steel, etc.) or as a byproduct of tax collection or other government functions (liquor, beer, tobacco products, etc.). The only sources of information on the growing manufacturing sector were the censuses of manufactures, then taken at 10-year intervals. Today, the need for industrial statistics has greatly increased and there is now a vast array of detailed information covering virtually every measurable aspect of industrial activity including employment; payrolls; hours worked; production; prices; inventories; orders; investment in structures, machinery, and equipment; and consumption of raw materials, fuels, and water. Many of these statistics are available at frequent intervals and promptly after the close of the accounting period. Sophisticated indicators of economic change have also been developed, such as price and production indexes and the gross national product accounts that are published at monthly or quarterly intervals.

The census of manufactures, though conducted only at 5-year intervals, still plays an essential role since no other source measures the structure of the industrial sector in such a comprehensive and detailed way.

For every manufacturing plant with one employee or more, the census obtains data on input of labor, materials, and capital; output of products and services; location; and the legal form of organization of the owning firm.³

A set of general statistics are developed for each establishment (that is, total employment, payroll, number of production-worker hours and wages, cost of materials, value of shipments, inventories, capital expenditures, and value added by manufacture) and aggregated by industry, area, employment size of establishment, degree of product specialization within plant, and type of ownership. Reports are published on the detailed industrial characteristics of each State and large standard metropolitan statistical area (SMSA); and overall measures of manufacturing activity are shown at the county and individual

³Since 1967, some information for 120,000 small companies was not obtained directly but estimated from other government records. See discussion of coverage of establishments in sections 9 and 12.

place level provided the information can be published without compromising the confidentiality of individual company data. Since census legislation guarantees confidentiality to the firms that are required to report, it is frequently necessary to suppress some aggregates. Because a significant amount of industry detail cannot be published for the 3,132 counties and county equivalents in the United States, a special computer tape on Location of Manufacturing Plants was developed to provide a complete industry-county cross-section description of manufacturing. This tape includes the number of establishments in each of the 450 industries by county or county-equivalent area, by employment size. Comparison of this complete profile between censuses is used to study shifts in the geographic dispersion of industries and the industrial structure of local areas.

The census of manufactures also facilitates the conduct of more frequent surveys on a sample basis. In fact, the present legislation specifying that censuses be conducted every 5 years authorizes an annual survey of manufactures (ASM) on a sample basis during the intervening years. The 5-year census provides the framework for selecting a new sample and the periodic universe levels to benchmark the sample estimates. The sample includes about one-sixth of all establishments. All large establishments are included in every sample; the smaller establishments are selected proportionately to their size and are replaced at the end of each census. Thus, there is an annual updating of the census of manufactures in terms of broad measures of economic activity. The ASM contains the same basic measures of economic activity of the plant (such as employment, payroll, value of shipments, value added by manufacture) as does the census of manufactures, but obtains less detailed information on products, materials consumption, and equipment.⁴

The census of manufactures is also used to update other indicators of economic activity, especially the national income accounts. Census data on materials consumed and product output by industry are basic to the input-output matrix developed by the Bureau of Economic Analysis (BEA) for the manufacturing sector. The Federal Reserve Board's monthly Index of Industrial Production (a key indicator of current economic activity) relies on census industry and product data as benchmarks and weights to sum industries to higher levels of aggregation. The census and ASM also provide benchmarks for hundreds of monthly and quarterly surveys of commodity output conducted by the Bureau of the Census, other government agencies, and by manufacturers' associations.

7. INDUSTRY CLASSIFICATION OF ESTABLISHMENTS

Structure of the Standard Industrial Classification System—

The establishments in the census of manufactures are classified according to the SIC Manual.⁵ The SIC manual covers the entire field of economic activities, subdivided as follows:

⁴Since the ASM is based on a sample, cross-classifications by industry and by area are fewer than in census of manufactures. At the U.S. level, statistics are published in annual survey for practically all 450 industries. At the State level, statistics are only published for three-digit and two-digit industry groupings.

⁵Standard Industrial Classification Manual: 1972 For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Stock No. 041-001-00066-6. 1977 Supplement Stock No. 003-00500176-0.

| Industrial division | Title | Major groups |
|---------------------|--|--------------|
| A | Agriculture, forestry, and fisheries | 01-09 |
| B | Mining | 10-14 |
| C | Construction | 15-17 |
| D | Manufacturing | 20-39 |
| E | Transportation, communications, electric, gas, and sanitary services | 40-49 |
| F | Wholesale trade | 50-51 |
| G | Retail trade | 52-59 |
| H | Finance, insurance, and real estate | 60-67 |
| I | Services | 70-89 |
| J | Public administration | 91-97 |
| K | Nonclassifiable establishments | 99 |

Below the major group level, the SIC provides for three-digit groups and finally for four-digit industries. To illustrate:

Division D—Manufacturing

Major group 20 Food and kindred products
 Industry group 202. Dairy products
 Industry 2023. Condensed and evaporated milk

The SIC system was developed to classify establishments as distinguished from similar systems used to classify companies or enterprises. An establishment is defined as a single physical location engaged in one of the industry categories of the SIC.

This SIC system is the responsibility of an intragovernmental technical committee headed by the Office of Management and Budget. The system is used by all Federal Government agencies engaged in the classification of establishments. Many State and local governments and business concerns also organize their own records along SIC system lines in order to facilitate comparison with Federal statistics.

The first SIC Manual was issued in 1939. For the manufacturing sector, the nucleus was the set of industry classifications developed over many years for use in the census of manufactures. A revised manual was issued for the manufacturing industries in 1945 and with minor modifications used in the 1947 and the 1954 Censuses of Manufactures. In 1957, the SIC Manual was extensively revised for manufacturing industries and the historical comparability of some data was seriously affected. The introduction and appendixes to the 1958 census volumes discuss in detail this revision and its effects on census series. Only minor revisions of the SIC Manual were made between 1958 and 1967. The next extensive revision of the SIC Manual affecting the comparability of industry was completed in 1972. These revisions and their impact on comparability appear in appendix C of the 1972 Census of Manufactures volumes.

Structure of the manufacturing SIC system—For manufacturing, there are 20 two-digit SIC Major Groups (20-39) which are subdivided in 143 three-digit SIC Groups (201 to 399) and into 450 four-digit industries (2011 to 3999). The Bureau of the Census combined some small industries in order to publish data.

Most of the 450 manufacturing industries are defined in terms of specific groups of related products. Usually the products are made of similar materials and by similar processes and many are competitive, but the SIC system does not necessarily bring

together products which are close substitutes in use and competitive in markets. In determining the boundaries of industries,⁶ it is essential that each industry comprise a group of establishments that are highly specialized in making products that define the industry (primary products) and that a large proportion of all the products be made in establishments classified in the industry. While similarity of product is most frequently the determining factor in defining an industry, some industries are defined in terms of the processes or equipment used regardless of the final product of the establishment. (Example: Industry 3361, Aluminum Foundries (Castings).) A small number of industries are basically defined by material used as well as final product of the plant. (Example: Industry 2521, Wood Office Furniture, and Industry 2522, Metal Office Furniture).

There are wide differences among industries in their purity; i.e., the extent to which the establishments classified in the industry—

- a. Account for the total production of commodities "primary" to the industry;
- b. Produce products or services "belonging" to other industries (that is, secondary products);
- c. Use similar materials or processes.

These variations are frequently construed to be shortcomings. However, these limitations in the classification structure arise from the inherent complexity of our economic system and from the variation in types of production that take place in individual establishments.

While the SIC system is the basis for aggregating census data, the data collected, in turn, provide the statistical basis for periodic critical evaluation of that classification system and its revision.⁷

No general-purpose system of industrial classification can satisfy all users of census data. Some business users are interested primarily in a narrow range of products which they and their competitors produce. Others are involved in a wide range of products that move through the same marketing channel. Others seek data relating to the consumers of one or more types of materials. Some are interested only in the data for highly specialized plants; others for plants producing a "full line" of products. Those studying productivity may require data for plants using the same techniques.

The large number of SIC industries provides the analyst with the "building blocks" for making useful approximations, even if specific data cannot be developed to resolve many of these problems. A single general-purpose system of classification can only partially satisfy these diverse needs; a point is soon reached at which the adaptation of a system to serve one use better will reduce its ability (sometimes disproportionately) to serve an alternative use.

⁶Frequently, business analysts and other data users look at a group of products from more than one point of view. For example, modern high-speed computers are classified as office machines. This describes the purpose of the product. In a physical sense, however, such computers would be described as electronic devices. Similarly, paper bags, wooden boxes, glass bottles, tin cans, and steel barrels may all be classified as containers, or they may be individually grouped with other products of similar materials, such as converted paper products, wood products, glass products, etc.

⁷See Industry Classification and Sector Measures of Industrial Production by James W. McKie, Bureau of the Census Working Paper No. 20, 1965, and Historical Comparability of Census of Manufactures Industries, 1929-1958 by Harold T. Goldstein, Bureau of the Census Working Paper No. 9, 1959.

Accordingly, users of data frequently regroup detailed SIC industries differently from the two- and three-digit SIC categories. The Federal Reserve Board for many years has made combinations to stress such characteristics of products as durable, non-durable, consumer, producer, finished, intermediate goods, etc. Other public and private agencies also recombine the detailed classes. The four-digit industries are more susceptible to allocation to such categories than the two-digit SIC groups.

Subindustries—The Bureau of the Census frequently has further classified some of the basic four-digit SIC industries into "subindustries." Subindustries are employed where there are wide disparities in the input-output relationships (or operating ratios) of the plants in the industry because of differences in the degree of vertical integration, technology, methods of distribution, geographic location, types of materials used, etc. In approximately 61 manufacturing industries, subindustries were established for editing purposes and many were regarded significant enough to be used for publication. For example, the bakery industry (industry 2051) is subdivided into wholesale bakeries, chain-store bakeries, home-service bakeries, and retail multioutlet bakeries; and many apparel industries (major group 23) are subclassified into manufacturers, contractors, and jobbers.

To provide a further measurement of variations within four-digit industries, the Bureau of the Census also subclassified establishments by the degree to which they produce the primary products or specific classes of primary products of the four-digit industry into which they are classified. This is, in effect, a subindustry classification based on the degree of product specialization which is published in table 5a of the industry reports.

Definition of manufacturing—Manufacturing includes a wide range of activities as defined in the SIC Manual. Manufacturing is the mechanical or chemical transformation of inorganic or organic substances into new products. The assembly of component parts of products is also considered to be manufacturing if the resulting product is neither a structure nor other fixed improvement. These activities are usually carried on in plants, factories, or mills, which characteristically use power-driven machines and materials-handling equipment.

Manufacturing production is usually carried on for the wholesale market, for transfer to other plants of the same company, or to the order of industrial users. Typically, manufacturers do not sell directly to the household consumer, although some (for example, baking, milk bottling, etc.) sell, chiefly at retail, to household consumers through the mail, through house-to-house routes, or through salespersons. Some service-type activities (enameling, binding, platemaking, etc.) are included in manufacturing if they are performed primarily for trade; but are considered nonmanufacturing if they are performed primarily to the order of the household consumer. On the other hand, some manufacturing industries include business firms which perform only the entrepreneurial functions of buying the materials and designing and marketing the product, but have the actual production done on contract (for example, apparel jobbers).

Establishment classification system—The SIC system is an establishment classification system, and the census of manufactures is conducted on an establishment basis. That is, a company with operations at more than one location is required to submit a report for each location. On the other hand, a company engaged in distinctly different lines of activity at one location

is required to submit a separate report for each activity if the plant records permit such a separation and if the activities are substantial in size.

The requirement that distinct lines of activity at the same location be separately reported was applied only where the establishment produced and shipped significant amounts of products classified in different SIC industries. In widely varying degrees, many manufacturing establishments make products that fall into different SIC industries. Generally, the amounts involved are not significant enough to warrant the filing of separate reports, even if feasible. However, there are a number of locations at which large numbers of employees are engaged in activities defined in different industries of the SIC system. Frequently, companies organize their operations and their records separately for the diverse activities and report them as separate plants. When they do not do so on their own initiative, the Bureau of the Census requests separate reports if it appears that 100 employees or more are involved in each activity. For the most part, companies have cooperated and "split out" the different activities which would otherwise significantly distort the relationship of the industry and product statistics. Not infrequently, however, the two groups of products are made on the same production lines by many of the same employees and cannot be distinguished sufficiently in company records to provide establishment-type reporting.

The SIC system also recognizes special situations where otherwise separately classifiable activities frequently occur at one location. For example, the definition of Industry 2421, Sawmills and Planing Mills, recognizes that sawmills may include logging operations. Similarly, pulp mills operated in combination with paper mills are included in one report.

Establishments included in census of manufactures—Beginning with the 1947 Census of Manufactures, the censuses have included only establishments with one employee or more. Prior to 1947, different criteria were used to determine if an establishment had to report in the census. In the censuses of 1921 through 1939, establishments with less than \$5,000 value of products were excluded. For 1899 to 1919, the limit was \$500. The change in the minimum-size criterion to an employment basis in 1947 did not appreciably affect the overall comparability of earlier census figures, except for the number of establishments.^a

A sample survey of manufacturing plants with no paid employees was conducted for the 1982 census. As shown in table F, there were approximately 144,000 establishments in this category. They accounted for only about one-third of 1 percent of the total value of shipments of all manufacturing industries. The proportion was higher for certain industry groups, such as lumber and wood products, and printing and publishing.

Special treatment of very small establishments—Beginning with the 1967 census, an effort was made to relieve the very small establishments from the necessity of filing a census report. Approximately 130,000 small single-unit manufacturing firms identified as having less than 20 employees (cutoff varied by industry) benefited from this procedure for 1982. Limited data on payrolls, sales, and industry classification from the administrative records of the Social Security Administration (SSA) and the Internal Revenue Service (IRS) were made available to the Bureau of the Census. (These special arrangements

safeguarded the confidentiality of both tax and census records.) Estimates of data for these small establishments were developed using industry averages in conjunction with the administrative information. The effect on industry aggregates is slight in most industries; for manufacturing as a whole, these small "administrative records" account for only 1.7 percent of the value added. Detailed product and materials data for these small establishments were not estimated; the entire value of product shipments and cost of materials was imputed to a "not specified by kind" (n.s.k.) category. If these establishments had been included in the 1977 Census of Manufactures, they would have been assigned the industry classifications to which they had been coded. If they had started business later, they were coded on the basis of brief descriptions of the general activity of the establishment as reported to the SSA. Where the description is incomplete or there are relatively fine lines of demarcation between industries or between manufacturing and nonmanufacturing activity, the code assigned to an establishment could differ from that which would have been assigned on the basis of more complete product information. Therefore, the Bureau of the Census conducted a special classification survey in order to clarify the industry codes of some of the establishments in the administrative-record file. All establishments without specific four-digit codes and those where there could be significant misclassification between manufacturing and other sectors were sent such a questionnaire. Nevertheless, the total establishment counts in most industries should be viewed as approximations

Table F. Number of Establishments and Total Value of Shipments for Firms Without Paid Employees by Major Groups: 1982

| Major group | Number of establishments (1,000) | Total value of shipments (million dollars) | Percent of shipments of firms without paid employees to firms with paid employees |
|--|----------------------------------|--|---|
| Total | 144.0 | 3 429.4 | .36 |
| Food and kindred products | 1.4 | 106.8 | .04 |
| Textile mill products | .9 | 29.4 | .06 |
| Apparel and other textile products | 5.4 | 146.5 | .27 |
| Lumber and wood products | 29.2 | 636.6 | 1.48 |
| Furniture and fixtures | 7.3 | 125.4 | .52 |
| Printing and publishing | 32.1 | 721.1 | .84 |
| Chemicals and allied products | 1.3 | 65.4 | .04 |
| Leather and other products | .8 | 13.3 | .14 |
| Stone, clay, and glass products | 13.0 | 145.4 | .32 |
| Primary metal industries | 1.4 | 34.8 | .03 |
| Fabricated metal products | 6.1 | 193.7 | .16 |
| Machinery, except electrical | 6.2 | 203.4 | .11 |
| Electric and electronic equipment | 3.4 | 99.9 | .07 |
| Transportation equipment | .7 | 15.3 | .01 |
| Other ¹ | 34.8 | 892.4 | .20 |

^aPoint is discussed at greater length in the Introduction to the 1947 volumes.

¹Figures may be overstated due to misclassification of some establishments that should have been classified in one of the above major groups.

rather than precise measurements. The counts for establishments with 20 employees or more are far more reliable than the total number of establishments.

Auxiliary units—Manufacturing requires a wide range of diverse support activities. These activities include movement to the manufacturing plant, storage, operation and maintenance of plant and equipment, design of flow of work through the production process, and necessary arrangements for shipment of output to customers. Also included is a host of subsidiary activities associated with the operation of an establishment (for example, management and policy formation, product and market orientation, engineering and quality control, recordkeeping and accounting, physical security of plant and equipment, etc.).

Support and subsidiary activities may be performed by personnel located at the manufacturing establishments or at a separate location serving one manufacturing location or more of the same company. These separate locations are referred to as auxiliaries. Where these activities are carried on at a different physical location or are performed for more than one plant, they are excluded from the figures for operating manufacturing establishments and are included in the data shown for auxiliaries. (See the description of the questionnaire used for these establishments, Form ES-9200, in section 10.)

Borderline activities—The following types of activities, while having some of the characteristics usually found in manufacturing, are considered as nonmanufacturing and, therefore, are excluded from the census:

- a. Processing on farms when the raw materials are grown on the farm and the manufacturing activities (poultry dressing, milk and butter production, logging, etc.) are on a small scale without extensive use of paid labor. Also custom milling, egg hatching, cotton ginning, and similar activities closely associated with agriculture are excluded.
- b. Mineral preparation, such as the crushing, screening, and concentrating of ores. However, mining performed as a secondary activity in conjunction with manufacturing is included in the census unless a separate report for the mining activity was filed; for example, stone and clay mining at cement, lime, and clay products plants.
- c. Custom work to the individual order of household consumers. Examples are custom tailoring, woodworking, lettering on monuments, setting of diamonds, and the making of orthopedic appliances.
- d. Repair and other service activities, except specified services performed "for trade." Repair shops of railroads are also excluded.
- e. Production of coke "for own use" by establishments owned by public utility companies.

Census establishment-based data measure manufacturing as primary activity. In the census of manufactures, no attempt is made to measure the extent of manufacturing at locations which are not primarily manufacturing plants, such as retail establishments which sell most of their products on the premises directly to household consumers (retail bakeries,⁹ ice cream stores, etc.), or manufacturing by construction contractors at the site (for example, production of paving mixtures).

⁹Separate data for retail bakeries with baking on the premises were included in the retail census publications.

Conversely, it is not unusual for manufacturing establishments to also engage in some nonmanufacturing activities, such as repair work, merchandising of products without further processing, and installation work. Ordinarily, these nonmanufacturing receipts are small in relation to the manufacturing activities and, therefore, it is not difficult to determine that the establishments should be included in the manufactures area. However, if the nonmanufacturing activities account for a significant proportion of total receipts of an establishment, the classification of that establishment into the appropriate major economic sector is more difficult.

In the economic censuses, an establishment engaged in a combination of manufacturing and merchandising is assigned either to the manufacturing or the trade industries depending on which of these activities was estimated to account for the larger share of its "value added" or "income produced." This criterion, even though based on approximation, was considered preferable to treating each dollar of receipts from each type of activity equally in determining the primary industry, since manufacturing requires considerably more worker-hours, salaries and wages, and capital inputs per dollar of receipts than either wholesaling or retailing. However, in classifying establishments engaged in manufacturing and also in mining, repair work, installation, construction, or other nonmanufacturing services, dollar receipts were used as the basis of classification because these activities require substantially comparable input per dollar of receipts.

Product codes—The SIC coding system is designed to describe industries and operates in such a way that the definitions become progressively narrower with successive additions of numerical digits. There are 20 very broad two-digit groups, 143 three-digit groups, and 450 four-digit industries. Based on the SIC Manual, the Bureau of the Census has developed a product coding system along similar lines which contains about 1,500 five-digit product classes and approximately 11,000 individual seven-digit products. The seven-digit products and five-digit product classes are considered the primary products of the industry with the same first four digits as the product code. For example, the seven-digit product code number 2023612 refers to canned evaporated milk. The first five-digits of this code number, 20236, refer to the product class canned milk, and the first four digits, 2023, refer to the industry in which these products are made (the condensed and evaporated milk industry). The same system is applied to the coding of materials. The first four digits of a material code (for example, 024111, whole milk used as a material) describe the industry that produces it; e.g., 0241, agricultural industry, dairy farms.¹⁰

This SIC-based system is simpler than other systems for the coding of industrial products and materials used, since there is a direct numerical relationship between commodities and industries. Complications occur in the few SIC industries defined in terms of processes or equipment used as well as products made. As an example, women's sweaters are produced in knitting mills (industry 2253) and also cut-and-sew shops (industry 2339). To retain the industry-of-origin concept, it is necessary to assign different product code numbers to women's sweaters, depending on where they are made.

The SIC-based commodity classification is used in the Bureau of the Census entire industrial statistics program, including monthly, quarterly, and annual surveys, and also in the census

¹⁰See tables 6a and 7 in the industry reports.

of wholesale trade. The Bureau of the Census also publishes data on imports and exports in terms of SIC-based categories as well as the traditional Schedule B and TSUSA systems.¹¹

Primary and secondary products of establishments—An establishment is classified in a particular industry if its production of the primary products of that industry exceeds in value its production of products of any other single industry. The industry code assigned to the establishment is derived from a summation of values for seven-digit product codes to their four-digit industry and the selection of the largest four-digit value as the establishment's industry classification. However, as mentioned earlier, the industry classification of an establishment may be determined not only by the products it makes but also by the processes employed or materials used in making those products.

While some establishments produce only the primary products of the industry in which they are classified, it rarely happens that all the establishments in an industry specialize to this extent. Therefore, the general statistics (employment, payroll, inventories, value added by manufacture, total value of shipments, capital expenditures, etc.) shown for an industry (tables 1 to 4 of the industry reports) encompass not only the primary activities of the establishments in that industry but also their secondary activities. On the other hand, the product statistics in table 6 of the industry reports measure the total output of specific products whether they are produced by establishments classified in the same industry as the product or not. For this reason, in relating the general statistics of an industry, especially the industry total value of shipments (tables 1 to 4), to the product statistics (table 6), the composition of the industry's output as shown in table 5b and 5c should be considered. Table 5c is a matrix table in which the columns break down industry shipments into primary and secondary products and miscellaneous receipts. The rows of the table show the amount that each industry produced of a given product class.

The extent to which industry and product statistics may be matched with each other is measured by the two ratios shown in table 5b which are computed from table 5c. The first of the ratios, called the primary product specialization ratio, is the proportion of product shipments (both primary and secondary) of the industry made up of primary products. The second, defined as the coverage ratio, is the proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

Degree of integration—In many industries, establishments use a wide variety of processes and materials to make the products of the industry. An industry classification based on end products may include establishments which are vertically integrated and those which put only the finishing touches on an already highly-fabricated purchased item. For example, in the refrigeration industry, there are some establishments that are almost completely integrated, producing the compressor and condensing unit, electric motor, and even the castings for those intermediate products, as well as the stamping of the case and the final assembly. In other plants, the condensing unit, the motor, and the case may be purchased and merely assembled into the finished product.

In some instances, nonintegrated plants have been placed in separate industry categories from the integrated plants. In many industries, the census provides separate statistics on departmental operations or on the production of intermediate commodities made and used in the producing plant. When an industry includes plants which ship a significant proportion of their output to other plants of the same company, separate figures are usually shown on the interplant transfers.

These differences in the integration of production processes, types of operations, and types of materials used, should be taken into account when relating the general items (employment, payroll, value added, etc.) to the product and materials data. Where integrated operations are of consequence in an industry, that fact is pointed out in the explanatory text.

Industry code resistance—The production of many establishments is so evenly divided among two industry-determining product groups or more that the industry codes could change from year to year (industry codes can be based on less than half of the total value if there are three groups or more). In the ASM, plants had always been prevented from shifting back and forth among industries due to minor shifts in product mix in the years between censuses by the application of a "resistance formula" in assigning industry classifications. In census years, such resistance was not applied.

A resistance formula of the ASM type was first used in the 1963 Census of Manufactures. In the 1982 census, the formula was applied only to establishments included in the 1981 ASM sample panel with certainty (that is, included with a probability of "1"). In general, these certainty cases were establishments of companies with at least one manufacturing plant with 250 employees or more.

The formula recognizes the conflicting need to maintain continuity in the establishment composition of an industry to measure change and the need to allow establishments to be reclassified to measure the current composition of the industry.

In the 1982 census, the industry classification of a certainty establishment was allowed to change from that assigned in 1981 under one of the following conditions:

- a. The value of the 1982 primary products constituted 60 percent or more of its total value of product shipments.
- b. The value of 1982 primary products, while less than 60 percent of the total, was at least twice the value of products which had determined the 1981 industry code.
- c. The value of 1982 primary products, while not meeting either of the two above conditions, had been the largest group of products for at least two years, i.e., exceeded the value of the 1980 primary industry's products in both 1982 and 1981 by at least 20 percent.

8. GEOGRAPHIC CLASSIFICATION

Census divisions and regions—The 1982 Census of Manufactures measures industrial activity at the State, standard metropolitan statistical area, county, and place levels. In prior censuses, similar information was also provided for the traditional nine geographic divisions (e.g., New England, Middle Atlantic, etc.) and the four geographic regions (Northeast, South, North Central, and West).

¹¹Schedule B is the U.S. export classification while TSUSA is applied to imports.

The presentation of data for individual industries and industry groups at all these geographic levels has always created serious problems in protecting the confidentiality of individual company data. Consequently, it has frequently been necessary to set priorities as to what will be published (see section 24). In the past, the preference was given to publishing data for the broad geographic regions over States leading to greater suppression of industry detail at the State level. In recent years, there has been increasing interest in State information in preference to the broader regions. As a result, the 1977 and 1982 Censuses of Manufactures gave first precedence to publishing State figures.

A decision was also made to forego publication of any divisional and regional totals. This was desirable to avoid suppressing industry detail in one State that could have been published in order to protect data for another State in the same division that had to be suppressed to preserve the confidentiality of a respondent's figures.

Value added data for the nine geographic divisions and four regions are shown in table G. In addition to the value added data, the table also provides the percentages of the United States total for regions, divisions, and States.

Table G. Value Added by Manufacture for Regions, Divisions, and States: 1982

| Geographic area | Value added by manufacture (million dollars) | United States, total (percent) | Geographic area | Value added by manufacture (million dollars) | United States, total (percent) |
|--|--|--------------------------------------|--|--|--------------------------------------|
| United States | 824 117.7 | 100.0 | South Region—Con. | | |
| Northeast Region | 195 598.2 | 23.7 | South Atlantic Division—Con. | | |
| New England Division | 56 212.2 | 6.8 | Virginia | 17 255.6 | 2.1 |
| Maine | 4 037.8 | .5 | West Virginia | 4 049.2 | .5 |
| New Hampshire | 4 004.0 | .5 | North Carolina | 28 510.2 | 3.5 |
| Vermont | 2 036.8 | .2 | South Carolina | 12 218.7 | 1.5 |
| Massachusetts | 25 967.5 | 3.2 | Georgia | 19 191.8 | 2.3 |
| Rhode Island | 3 792.7 | .5 | Florida | 18 111.8 | 2.2 |
| Connecticut | 16 373.4 | 2.0 | East South Central Division . . . | 49 513.2 | 6.0 |
| Middle Atlantic Division | 139 386.7 | 16.9 | Kentucky | 11 819.7 | 1.4 |
| New York | 62 906.6 | 7.6 | Tennessee | 17 822.9 | 2.2 |
| New Jersey | 31 656.0 | 3.8 | Alabama | 12 045.7 | 1.5 |
| Pennsylvania | 44 824.1 | 5.4 | Mississippi | 7 824.9 | 1.0 |
| North Central Region | 245 168.1 | 29.8 | West South Central Division . . . | 81 010.7 | 9.8 |
| East North Central Division | 184 756.2 | 22.4 | Arkansas | 7 755.3 | .9 |
| Ohio | 49 640.9 | 6.0 | Louisiana | 11 745.6 | 1.4 |
| Indiana | 25 747.0 | 3.1 | Oklahoma | 8 143.0 | 1.0 |
| Illinois | 47 704.6 | 5.8 | Texas | 53 357.8 | 6.5 |
| Michigan | 39 118.1 | 4.8 | West Region | 139 978.0 | 17.0 |
| Wisconsin | 22 545.6 | 2.7 | Mountain Division | 23 132.3 | 2.8 |
| West North Central Division . . . | 60 411.9 | 7.3 | Montana | 713.5 | .1 |
| Minnesota | 15 366.9 | 1.9 | Idaho | 2 076.5 | .3 |
| Iowa | 12 077.9 | 1.5 | Wyoming | 407.7 | .1 |
| Missouri | 18 333.8 | 2.2 | Colorado | 8 056.8 | 1.0 |
| North Dakota | 652.1 | .1 | New Mexico | 1 397.7 | .2 |
| South Dakota | 1 100.2 | .1 | Arizona | 6 162.4 | .7 |
| Nebraska | 4 444.5 | .5 | Utah | 3 455.1 | .4 |
| Kansas | 8 436.5 | 1.0 | Nevada | 862.6 | .1 |
| South Region | 243 390.3 | 29.5 | Pacific Division | 116 845.7 | 14.2 |
| South Atlantic Division | 112 866.4 | 13.7 | Washington | 12 595.5 | 1.5 |
| Delaware | 2 466.7 | .3 | Oregon | 7 973.0 | 1.0 |
| Maryland | 10 133.8 | 1.2 | California | 94 388.4 | 11.5 |
| District of Columbia | 928.6 | .1 | Alaska | 769.2 | .1 |
| | | | Hawaii | 1 119.6 | .1 |

Table H. The 50 Largest SMSA's Ranked by Value Added by Manufacture: 1982 and 1977

| Geographic area | Number of employees (1,000) | Value added by manufacture (mil. dol.) | 1982 rank | 1977 rank | Geographic area | Number of employees (1,000) | Value added by manufacture (mil. dol.) | 1982 rank | 1977 rank |
|--|-----------------------------|--|-----------|-----------|--|-----------------------------|--|-----------|------------------|
| Los Angeles-Long Beach, Calif. | 866.1 | 40 287.7 | 1 | 2 | Louisville, Ky.-Ind. . . . | 89.3 | 5 279.5 | 28 | 22 |
| Chicago, Ill. | 744.2 | 32 254.1 | 2 | 1 | Indianapolis, Ind. | 112.6 | 5 036.4 | 29 | 28 |
| New York, N.Y.-N.J. . . . | 714.6 | 27 450.6 | 3 | 3 | Portland, Oreg.-Wash. . . | 101.5 | 4 915.2 | 30 | 34 |
| Philadelphia, Pa.-N.J. . . | 406.1 | 17 501.0 | 4 | 5 | San Diego, Calif. | 111.5 | 4 878.7 | 31 | 43 |
| Detroit, Mich. | 422.9 | 16 713.1 | 5 | 4 | Phoenix, Ariz. | 108.0 | 4 513.0 | 32 | 41 |
| San Jose, Calif. | 276.5 | 14 808.8 | 6 | 17 | New Brunswick-Perth Amboy-Sayreville, N.J. | 83.6 | 4 237.1 | 33 | 36 |
| Houston, Tex. | 264.1 | 14 777.8 | 7 | 6 | Columbus, Ga.-Ala. . . . | 86.0 | 4 182.4 | 34 | 35 |
| Dallas-Fort Worth, Tex. . | 323.9 | 14 715.9 | 8 | 10 | Providence-Warwick-Pawtucket, R.I.-Mass. | 122.2 | 4 027.6 | 35 | 33 |
| Boston, Mass. | 284.6 | 12 310.2 | 9 | 11 | Richmond, Va. | 54.4 | 3 975.5 | 36 | 49 |
| St. Louis, Mo.-Ill. | 218.2 | 11 062.3 | 10 | 7 | Toledo, Ohio-Mich. . . . | 70.5 | 3 690.4 | 37 | 31 |
| Minneapolis-St. Paul, Minn.-Wis. | 240.9 | 10 738.4 | 11 | 16 | Hartford, Conn. | 94.9 | 3 689.8 | 38 | 42 |
| Rochester, N.Y. | 150.4 | 10 649.0 | 12 | 13 | Grand Rapids, Mich. . . | 82.5 | 3 681.3 | 39 | 40 |
| Newark, N.J. | 255.0 | 10 281.5 | 13 | 9 | Allentown-Bethlehem-Easton, Pa.-N.J. | 97.5 | 3 626.7 | 40 | 37 |
| Anaheim-Santa Ana-Garden Grove, Calif. . . | 232.4 | 10 156.4 | 14 | 19 | Dayton, Ohio | 86.9 | 3 530.9 | 41 | 30 |
| San Francisco-Oakland, Calif. | 197.9 | 9 522.4 | 15 | 12 | Charlotte-Gastonia, N.C. | 93.6 | 3 281.2 | 42 | (¹) |
| Cleveland, Ohio | 223.6 | 8 799.4 | 16 | 8 | Gary-Hammond-East Chicago, Ind. | 75.6 | 3 280.0 | 43 | 29 |
| Milwaukee, Wis. | 180.3 | 8 101.9 | 17 | 15 | Washington, D.C.-Md.-Va. | 70.8 | 3 144.6 | 44 | (¹) |
| Cincinnati, Ohio.-Ky.-Ind. | 149.8 | 7 510.3 | 18 | 18 | Greenville-Spartanburg, S.C. . . . | 103.2 | 3 142.0 | 45 | 45 |
| Nassau-Suffolk, N.Y. . . | 171.8 | 7 384.7 | 19 | 23 | Memphis, Tenn.-Ark.-Miss. | 60.5 | 3 007.9 | 46 | 44 |
| Greensboro-Winston-Salem- High Point, N.C. | 151.1 | 7 264.8 | 20 | 24 | Syracuse, N.Y. | 56.6 | 2 892.8 | 47 | 47 |
| Baltimore, Md. | 153.6 | 7 131.7 | 21 | 20 | Beaumont-Port Arthur-Orange, Tex. | 37.3 | 2 883.2 | 48 | 38 |
| Seattle-Everett, Wash. . . | 166.4 | 6 624.7 | 22 | 26 | Miami, Fla. | 98.4 | 2 843.3 | 49 | (¹) |
| Atlanta, Ga. | 148.9 | 6 346.1 | 23 | 25 | Tulsa, Okla. | 69.6 | 2 724.8 | 50 | (¹) |
| Pittsburgh, Pa. | 193.1 | 6 146.2 | 24 | 14 | | | | | |
| Denver-Boulder, Colo. . . | 135.0 | 5 749.0 | 25 | 32 | | | | | |
| Kansas City, Mo.-Kans. . | 115.5 | 5 486.9 | 26 | 27 | | | | | |
| Buffalo, N.Y. | 112.8 | 5 334.0 | 27 | 21 | | | | | |

Note: Flint, Michigan, SMSA falls within the top 50 SMSA's but is excluded from this table to avoid disclosing data for individual companies.

¹Not in the top 50 SMSA's.

Standard metropolitan statistical areas—In addition to the data for the legally constituted geographic units (States, counties, and places), all manufacturing totals are shown for approximately 318 SMSA's.¹² In the 1982 tables, detail for two-, three-, and four-digit industries is shown for an SMSA if data for individual

companies would not be disclosed, and the industry had at least 250 manufacturing employees. These are the same criteria as those used in the 1977, 1972, and 1967 censuses. In censuses prior to 1967, detail had not been shown for SMSA's with less than 40,000 total manufacturing employment, and only industry group figures were shown for SMSA's with 40,000 to 190,000 employees.

¹²See appendixes for a description of each SMSA.

SMSA's are integrated economic and social units with a large volume of daily travel and communication between the central place (having 50,000 population or more) and outlying parts of the area.¹³ Each area (except in New England) consists of one whole county or more. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force and are socially and economically integrated with the central place. These areas were defined by the Federal Committee on Standard Metropolitan Statistical Areas for general-purpose use in presenting economic and social data. In the New England States, similar integration criteria have been applied in defining SMSA's, but on a city and town basis, because they are regarded as the significant unit in this region of the country.

The requirement that each SMSA consist of county units (except in New England) sometimes results in the inclusion in an area of a considerable amount of territory which would not ordinarily be considered metropolitan, much less industrial. It is recognized that metropolitan areas could be more accurately defined in terms of smaller area segments, such as minor civil divisions, but the usefulness of areas so defined would be limited by the fact that many types of economic and social data are available only on a county basis. Periodically, the SMSA's are redefined. While some changes can be made at any time, if there are serious reasons, the major restructuring of SMSA's occurs after each census of population is completed. The appendixes describe the current SMSA's and the changes since 1977.

Each SMSA is designated by the name of the principal place of the area. In addition to the name of the principal place, the area title may include one or two additional place names.

Value added by manufacture in all SMSA's accounted approximately for 75 percent of the U.S. total in 1982. The relative importance of the 50 largest SMSA's in 1982 and their rankings in the 1982 and 1977 censuses are shown in table H.

Standard consolidated statistical areas (SCSA's)—In many highly urbanized areas of the country, SMSA's tend to border on one another. For some purposes, it was desirable to treat them as one geographic area and the SCSA's were developed. Each SCSA includes two contiguous SMSA's or more which meet specific criteria of size, urban character, integration, and contiguity of urbanized areas. As with the SMSA's, the SCSA's are defined by the Federal Committee on SMSA's of the Office of Management and Budget. Their number has increased from 13 in the 1977 census to 16 for 1982. All manufacturing totals appear in table 4 of each State report. Data for two-, three-, and four-digit industries with 250 manufacturing employees or more are published in table 6.

Industrial counties—In addition to industry statistics for SMSA's, table 7 of each State report presents data by county for each major group and industry group (two- and three-digit) and industry (four-digit) that had at least 450 manufacturing employees if it would not disclose data reported by individual companies.

Places with 450 manufacturing employees or more—Summary totals and industry detail at the two-, three-, and four-digit levels are shown for individual places with 450 manufacturing employees or more, provided they do not disclose data for individual companies.

II. SURVEY METHODS

9. PLANNING AND PREPARATION

General—The Bureau of the Census has an obligation to meet public needs for timely and reliable information while holding costs and the burden on respondents to a minimum. During the planning stages of each economic census, the advice of trade and professional associations, Federal and State government agencies, individual companies, labor unions, and research and educational organizations is sought in an effort to reach both the users of data and the respondents who supply the basic figures. Simultaneously, the problems encountered in the previous censuses are studied, and improved methods of collection, processing, and tabulation are explored.

Mailing lists—Beginning with the 1954 Economic Censuses, the basic mailing lists have been obtained from IRS and SSA

records. These records were also sampled to develop statistics for retail and service establishments with no employees. After the 1963 censuses, feasibility studies indicated that greater use could be made of the data in the IRS-SSA records. In the 1967 Economic Censuses, more than 2,000,000 firms were exempted from the filing requirement, including 120,000 small manufacturers. Instead, census-type statistics for this group were developed from IRS-SSA records. In close cooperation with IRS and SSA, specific procedures for the use of individual tax returns that assured confidential treatment were developed and set forth in Executive Order No. 10911, dated January 17, 1961, and Treasury Decision No. 6547 of the same date. The records used were business income tax returns (IRS forms 1040C, 1065, 1120, and 1120S) and payroll tax returns (IRS form 941). The name and address, payroll, and gross business receipts were obtained from these reports, in addition to the SIC industrial activity code assigned by SSA. Other census statistics for these small firms were imputed using industry average ratios of the data item to payroll and sales.¹⁴

¹³Each SMSA must include either (1) a city with 50,000 inhabitants or more, or (2) a place having a population of at least 25,000 which (a) with the addition of the population of contiguous places has a population density of at least 1,000 persons per square mile; (b) constitutes, for general economic and social purposes, a single community with a combined population of at least 50,000; and (c) includes a total population of at least 75,000 in the county or counties in which the place and contiguous places are located.

¹⁴Amount of imputation introduced by this procedure was about 2 percent of overall totals.

This procedure was repeated in the 1972, 1977, and 1982 Economic Censuses. In 1972, there was a concerted effort by the Bureau of the Census to improve the industry coding of the administrative record by mailing a nature-of-business inquiry to establishments whose industry codes could have been affected by the 1972 revision to the SIC Manual. Similar efforts were made in 1977 and 1982 to clarify the classification of firms which SSA had not been able to code precisely.

Content of questionnaires—As in previous censuses, the content of the 1982 questionnaires was developed in consultation with a large number of organizations and individuals, representing both the manufacturers who supply the data and those who use the statistics. Those consulted included Government agencies, individual firms, labor unions, the American Statistical Association, the American Economic Association, the American Marketing Association, the National Association of Manufacturers, and all National Manufacturers' Associations covering specific industries.

Many individual manufacturers and their trade associations were consulted about the content of the sections of the report forms dealing with the output of specific products. Drafts of the proposed 1982 product sections were circulated among 3500 trade associations, manufacturing companies, and Federal statistical agencies. These draft report forms included new product detail reflecting suggestions received by the Bureau of the Census after the 1977 canvass. Small items (those valued at \$10 million or less) were not retained in the list unless they were needed to assure correct classification of other products or were of strategic importance. A restriction was placed on proposals for additional detail; it was stipulated that the 1982 value of new product category should exceed \$30 million. The manufacturers were requested to comment specifically on the availability of the data requested in their ordinary records and the appropriateness of the product descriptions and units of measure.

The thousands of comments and suggestions received in this clearance procedure and the decisions reached were forwarded to the Office of Management and Budget along with the product sections developed by the Bureau of the Census as a result.

A final review was made by the Office of Management and Budget with the assistance of the Advisory Council on Federal Reports. The latter organization is a group of business executives, such as controllers, economists, and market research directors representing a cross section of all industries.

10. REPORTING FORMS

A representative selection of the reporting forms used in the census is reproduced in the appendixes. The users of each of them are discussed below.

General forms—These forms were used generally in the economic censuses, either as company-wide reports or as reports for establishments whose classification was not known precisely in advance of mailing.

NC-9901, Report of Organization—This company-wide report was used prior to mailing the 1982 census questionnaires to develop the directory of establishments operated by multiunit companies. A more detailed account of their use is given in Section 11, Mailing Lists.

NC-9920, Listing of Additional Establishments—This form was included with the economic census forms mailed to multiestablishment companies to obtain a list of establishments that were acquired after the NC-9901 was filed. These additional plants were classified, added to the NC-9901 directory list, and mailed the appropriate 1982 Economic Censuses report forms. Plants under construction but not in operation were requested to report the value of construction put in place during 1982 and the total gross book value of assets in place at the end of the year.

NC-9923, General Schedule—This questionnaire was designed to obtain information from small companies for which the industry code available in the SSA records was not precise enough to indicate which one of the standard census questionnaires should be mailed. The information provided on form NC-9923 was used to classify these companies by industry and tabulate their data in the appropriate census.¹⁵

ES-9200, Auxiliary Establishments—Many multiunit companies maintain separate establishments to provide centralized administrative management or other supporting services for other establishments of the same company, but not for the general public or other companies. They were asked to complete form ES-9200 for those establishments. The form contained questions on the approximate number of employees engaged in such functions as centralized administration, research and development, warehousing, and other auxiliary activities, and on the cost of research and development work performed by these nonmanufacturing establishments. The respondent was also asked to describe the industry activity of the operating establishments serviced by the auxiliary unit reporting on form ES-9200.

ES-9100, Company Summary Report—Each large multiunit company received a form ES-9100, Company Summary Report, in addition to specific questionnaires for each establishment. The ES-9100 requested consolidated company totals for receipts, new capital expenditures, inventories, and fixed assets, which are published as part of the Bureau of the Census' Enterprise Statistics Program described in section 4.

Census of manufactures forms—The questionnaire reproduced in the appendix, form MC-3609, is typical of the approximately 200 forms used for operating manufacturing establishments. Each of these forms was designed to be used for a specific group of industries. Since it is desirable to retain comparability in the annual survey of manufactures for establishments reporting in the sample, form MA-1000 was substituted as the front sheet of the census form (e.g., MC-3609) to collect the information common to all industries. Whether or not form MA-1000 was used, the inquiries on the 200 forms were identical except for the detailed questions on products shipped, materials used, and miscellaneous topics, such as operations performed, equipment used, and delivery of products.

Short forms—Some industries include a large number of small-to-medium sized firms that account for a significant portion of the industry's output. Usually, these firms are not so small that the limited data in the administrative-record files would meet the needs of the census. To obtain sufficient data, yet hold the

¹⁵Use of form NC-9923 is also discussed in item 11, Mailing Lists.

reporting burden down for these smaller firms, special abbreviated short forms were designed. They obtain the key input and output statistics without the detail requested on the standard forms. A sample form is included in the appendixes.

Annual survey of manufactures forms—Form MA-1000 is the establishment report form used in the ASM since 1949 (with modifications). The establishment's 1981 data were imprinted on the report form before mailing, thus aiding the respondent in following the instructions for the census. Item 11-A, "value of products shipped and other receipts," on form MA-1000 corresponds to item 18 on the census forms, such as MC-3609.

In years between censuses, the ASM collects data for broad classes of products; whereas, every five years, in the census, item 18 calls for information on individual product shipments.

Other related forms—Form CB-5007, Census of Distributive Trades Electrical Goods, which is reproduced in the appendixes, is typical of the several forms used for wholesale establishments in the census of business. Some manufacturers operate their own wholesale establishments which the Bureau of the Census classifies as "manufacturers sales branches and sales offices."

The wholesale forms differed only in the kinds of products sold as listed in item 10. Item 18 provides the information needed to classify the establishment as a sales branch or sales office.

MA-171, Department of Defense Establishments, and MC-D4, Penal Institutions—These forms were used to collect information on government-owned and government-operated manufacturing establishments. They were used for two types of establishments:

- a. Manufacturing facilities owned and operated by the Department of Defense.
- b. Prison industries (Federal, District of Columbia, and State).

The data were prepared with the cooperation of the Department of Defense, the Department of Justice, and the District of Columbia and State prison systems. For Department of Defense installations, information was provided on employment, worker-hours, payroll, cost, and value of work done, by industry group and by State. For prison industries, however, only product data were requested. The data are presented in a special report and are not included in the totals for operating manufacturing establishments.

11. MAILING LISTS

General—As discussed in section 9, the list of respondents for 1982 was obtained from IRS-SSA records. Since the IRS-SSA lists consist essentially of the names and addresses of companies rather than establishments,¹⁶ it was necessary to follow separate procedures for multiunit companies (those operating at more than one location).

¹⁶SSA records for multiunit companies identify "reporting units," which in many instances correspond to census establishments. Differences are such, however, that it was found necessary to obtain up-to-date lists of establishments as described in this section. Also, the Bureau of the Census concept of a company differs from the IRS-SSA definition, since the census company includes all establishments under common ownership or control. In the IRS-SSA records, subsidiary corporations are often treated as independent companies.

The prec canvass—Multiunit companies were required to file at least one establishment report¹⁷ covering each location. In order to mail the appropriate questionnaires, it was necessary to determine the type of activity at each location operated by multiestablishment companies. The Bureau of the Census has conducted an annual update of its directory of establishments operated by large companies which Report of Company Organization (form NC-9901)¹⁸ is mailed each year.

This form consists of a report on company affiliation and a list of the domestic establishments operated by the company. The company's establishments, as identified in census records, are prelisted and the respondents are asked to correct this list. They are also asked to describe new establishments not prelisted and indicate their size.

Large multiunit companies are segregated for special handling because of possible overlap and duplication. Many of these companies are active in retail and wholesale trade, as well as in manufacturing. The reporting instructions are reviewed in discussions with officials of the accounting departments of many of these firms to make certain that the procedure is understood and the establishments are properly described on form NC-9901.

Single-unit companies—The mailing lists for single-unit companies (those operating at only one location) were developed from an initial control file assembled from IRS and SSA records. Out-of-scope companies (those whose activities were not to be surveyed in the economic censuses) and those identified as multiunits in the multiunit directory were removed.

The final step was to identify the small companies which were not to be mailed forms because census-type statistics were to be developed from administrative records. The remaining records constituted the mailing lists for single-unit companies.

General schedule—While these lists generally contained adequate industry information to determine the proper form for mailing, a number of the records did not have precise industry information associated with them. Form NC-9923, General Schedule, which is reproduced in the appendixes, was mailed to these companies. Since it was assumed that these companies were quite small, only the dollar value of business was requested. The completed reports were coded and included in the tabulations. If form NC-9923 indicated that the company was actually large, it was later requested to file one or more of the appropriate standard questionnaires.

12. COVERAGE AND ACCURACY

Since the list of companies obtained from IRS and SSA records was considered to be complete, no field coverage check was conducted. The prec canvass and other special procedures for multiunit companies described in section 11, Mailing Lists, and section 4, Data Collection, were designed to secure complete lists of establishments; thereby amplifying the IRS-SSA company list. Control totals, in terms of employment and payrolls of multiunit companies, were also used to verify the completeness of establishment coverage.

¹⁷If two distinct lines of activity or more were carried on at one location, separate reports were obtained under some circumstances. (For a complete discussion, see section 7.)

¹⁸This form is reproduced in the appendixes.

It was possible to compare statistics tabulated from the census of manufactures with the Bureau of the Census' Current Industrial Reports Series, or with data originating with other agencies and, thus provide a further confirmation of completeness and accuracy. These figures range from employment and wage totals compiled by the Bureau of Labor Statistics to detailed commodity output figures published by the IRS, the Fish and Wildlife Service, and the Department of Agriculture. In the industry reports, differences between the census of manufactures and other statistics are explained wherever possible. Census of manufactures comparability with broad measures such as national income, new capital expenditures, and production indexes are discussed elsewhere in this introduction. The Bureau of the Census' other procedures designed to improve the accuracy of the census data are discussed above in the items on data collection and processing. A discussion of the valuation of intracompany shipments by multiunit companies is included in section 18.

13. GEOGRAPHIC CODING

Accurate and complete information on the physical location of each establishment is required in order to tabulate the census data by standard metropolitan statistical areas, counties, and places. As in previous censuses, the post office address and ZIP code of the establishment were not always accepted as defining the physical location, but respondents were required to describe the actual location in terms of street address; city, town, or village; county; and State. For establishments located in rural territory, the name or number of the nearest highway was requested and the distance from the nearest town or other urban place.

In censuses prior to 1963, clerks assigned geographic code numbers to each establishment based on the description furnished by the respondent. This process was slow and required careful verification. Beginning with 1963, a computerized system was developed which assigned an area code number and a prefix symbol to the mailing address before the questionnaires were mailed. The prefix symbol indicated whether or not the mailing address was clearly acceptable as describing the physical location. If there was any question about its acceptability, the respondent's description was later carefully reviewed after the questionnaire was received. The assignment of tentative code numbers by the computer was based on extensive reference files containing nearly a million business names and addresses.

14. DATA COLLECTION

Although the greater use of administrative records in 1982 substantially reduced the number of companies canvassed directly, there remained more than 2 million which were required to file, including about 205,000 manufacturers. Small manufacturers, for whom the administrative records sufficed, numbered about 130,000. The assembly of several hundred different questionnaires into mailing packages was an extensive operation.

Most of the 1982 questionnaires were mailed by late December 1982 with a due date of February 15, 1983. The collection phase was completed by late August 1983.

Companies which did not return their questionnaires by the due date had to be reminded that their returns were overdue.

In all, there were five mail followups. Telephone calls were made to the large companies to help with reporting problems and to request that the forms be completed and returned.

Estimates based on data from administrative records were included in the census tabulations for the relatively small number which had not responded by the closeout date in August 1983. Thus, reported or estimated data for all companies and establishments in the original mailing list (except those determined to be inactive during 1982) were included in the final statistical results. A special effort was made to obtain actual returns from all large firms, so that the dollar volume of business represented by proxy returns was relatively very small.

15. DATA PROCESSING

General—The editing,¹⁹ coding, and tabulation of data for the 5 million establishments represented in the 1982 Economic Censuses was a complicated task. Automated data processing and other advanced techniques were used in all phases.

The questionnaires were mailed from and returned to the Bureau of the Census Office at Jeffersonville, Ind., where most noncomputer (that is, clerical) processing operations were performed. Data were placed on a key-to-disc system, and the encoded data sent to Washington, D.C., on a high-speed transmission system. The Washington, D.C., staff handled computer operations and all operations in connection with the use of IRS and SSA records.

Preliminary processing—After they were checked in, the questionnaires were keyed and subjected to simple edits to see that they conformed to certain minimum requirements before further processing. For multiunit companies, the sums of employment and payroll reported on its establishments questionnaires were compared with the control totals received on IRS form 941. Questionnaires received from single-unit firms were reviewed to ascertain whether they had become multiunits through merger or acquisition. Questions arising in these operations were resolved by writing or telephoning the respondents. Complex problems were referred to the Washington, D.C., professional staff.

Computer editing—As in the 1977 Census of Manufactures, most of the review for consistency among data items and completeness was done on the computer. Average values and tolerance limits for key operating ratios (for example, cost of materials per dollar of shipments, payroll per employee, production-worker wages per hour, etc.) played a fundamental role in the editing process. More than half of all four-digit SIC industries had one data cell or more changed by more than 5 percent as a result of the application of these programs.

A detailed description of the step-by-step processing procedures will appear in the Bureau of the Census publication, *History of the 1982 Economic Census*. This volume describes the procedures followed in both the centralized overall processing and in the individual censuses such as manufactures.

¹⁹In data processing, the term "editing" means the review of information collected on questionnaires or from other sources with the objective of locating and correcting erroneous entries.

III. COMMENTS ON STATISTICAL MEASURES AND TABLES

Explanations and definitions of the various measures of activity for which statistics are compiled in the census of manufactures are presented in the appendixes. In the following text, the limitations and other characteristics of some of these measures are discussed, the content of the statistical tables is described, and comparisons with other statistical series are presented.

16. EMPLOYMENT AND PAYROLLS IN AUXILIARIES

In the industry statistics chapters, the data on employment and payroll are limited to operating manufacturing establishments. In the summary tables and the area reports, the employment and payroll of auxiliaries are included as well. The report filed for auxiliaries requested a description of the activity of the establishments that they serviced. However, the auxiliaries were coded only to the two-digit major group of establishments they served, whereas, the operating establishments were coded to a four-digit manufacturing industry. In most of the tables with industry detail, the auxiliaries are shown as a separate industry group, but statistics for them by two-digit industry appear in the General Summary tables. As indicated in table I, the relative importance of auxiliaries has increased substantially in recent years because of a tendency to centralize functions formerly performed in manufacturing plants. Such functions include accounting (particularly where computerized), warehousing, repair services, and other miscellaneous activities.

17. MATERIALS CONSUMED

Every establishment was requested to report the total cost of materials. In addition, quantity and cost information was collected for approximately a thousand specific materials. About 350 of these were "complete coverage" materials; i.e., every industry that consumed appreciable quantities of the material

was canvassed so the data would aggregate to at least 90 percent of manufacturing consumption. For the remaining materials, information on consumption was obtained only in those industries in which the materials were important inputs. Detailed consumption information was collected in item 17, the standard material inquiry; and in a few instances in a special inquiry. The resulting statistics are presented mainly in table 7 of the industry series reports.

Because American industry uses an enormous variety of materials, the choice of materials for which "complete coverage" consumption data (90 percent or higher) were obtained had to be strictly limited. The selection of a particular material for such coverage was based on the following criteria:

- The importance as measured by the total value of U.S. consumption of the material.
- The percentage of total consumption accounted for by manufacturing establishments.
- The availability of consumption information from manufacturers' records.
- Other factors, such as the strategic importance of the material or the availability of historical data on the use of the material.

The "limited coverage" materials were chosen, not only because they constituted important inputs for particular industries, but frequently because they provided information necessary to classify plants by SIC industry. In using the detailed data on materials consumed which appear in table 7 in the industry series reports, the following limitations should be noted:

- Materials were reported for the establishment as a whole and no attempt was made to ascertain how much of the

Table I. Employment in Auxiliaries and Operating Manufacturing Plants: 1982 and Earlier Census Years

| Year | Operating manufacturing establishments | | Auxiliaries | | |
|------------|--|---|----------------------|---|-----------------------------------|
| | Employees (1,000) | Percent change from previous census year | Employees (1,000) | Percent change from previous census year | Percent of total employment |
| 1982 | 17 818 | -3.8 | 1 276 | +18.8 | 6.7 |
| 1977 | 18 516 | +2.7 | 1 074 | +8.0 | 5.5 |
| 1972 | 18 032 | -2.5 | 994 | +19.8 | 5.2 |
| 1967 | 18 492 | +14.0 | 830 | +14.3 | 4.3 |
| 1963 | 16 235 | +5.3 | 726 | +20.6 | 4.3 |
| 1958 | 15 423 | -1.4 | 602 | ¹ +32.9 | 3.8 |
| 1954 | 15 645 | (NA) | 453 | (NA) | 2.8 |

Source: Census of Manufactures.

(NA) Not available.

¹Apparent increase from 1954 to 1958 is believed to be somewhat overstated, because coverage of auxiliaries was more complete in the 1958 census.

material was used in each of various products. Thus, the industry totals appearing in table 7 include consumption in secondary products, as well as primary products of the industry. The extent of secondary production in each industry is measured by its specialization and coverage ratios shown in table 5b of the industry reports.

- b. Special attention should be paid to the codes ending in "000" and captioned "materials, parts, containers, and supplies, n.s.k." The amounts appearing on these lines are totals imputed for (1) establishments whose statistics were developed from administrative records, and (2) totals for establishments which returned report forms but failed to report their consumption in specific terms. Thus, for most industries, the data for a specific material are understated. A judgment on the statistical significance of the understatement may be made from the ratio of the value shown for the "n.s.k." (code 000) to the total of materials, components, parts, containers, and supplies for the industry.
- c. Establishments consuming less than a specified amount of material were not requested to report consumption of the material separately. For the majority of individual materials, the minimum amount was \$10,000. The use of this cutoff is not believed to have had a significant effect on the totals.
- d. A total of "all other materials" code 970099 was collected on most forms and is published for each industry.

18. VALUE OF SHIPMENTS

Value of shipments of multiunit companies—Except for a few industries, the respondents were instructed to report net selling values, f.o.b. plant, after discounts and allowances and excluding freight charges and excise taxes. Multiunit companies were instructed to report for each establishment as if it were a separate economic unit and, in particular, to report interplant transfers at their full economic value. Full economic value is defined as not only the cost of production but also a reasonable proportion of company overhead and profits. Generally, there is no advertising or other selling cost assigned by companies to interplant transfers, so it would be expected that the value per unit of such transfers would be less than that for commercial sales. To assure consistency in the valuation as the interplant transfer moved through the company, the plant receiving the transferred good was instructed to include it in its cost of materials at the same value as at the shipping point, plus the cost of freight and other handling charges.

If the goods were transferred to sales branches, or sold through separate sales offices, the "f.o.b. plant" instruction implies that the value is somewhat lower than the final invoice value, because the cost of selling (mainly the cost of operating the sales branch or office) is excluded.

However, there is reason to believe that these instructions were not followed uniformly by all companies. In a record-keeping practice study of 54 multiunit companies conducted a few years ago, it was found that about half of them had reported interplant transfers of semifinished products at commercial or market prices, which tend to be somewhat higher than the "cost plus overhead and profit" requested in the census instructions. Where finished products were transferred to separate selling

organizations, half of the companies interviewed valued the products leaving the manufacturing plant at their final or invoice price, or somewhat higher than the requested "f.o.b. plant" transfer value. It appears from this study and other observations that the value of shipments of products reported by multiunit companies tends to be overstated. If it was known that a substantial amount of a product tended to be transferred to establishments of the same company, separate quantity and value figures were requested on the amount transferred and the amount sold outside the company. Data on these shipments, the unit value of which tends to be different from the unit value for shipments outside the company, are presented separately in table 6a in the industry reports.

Individual products—In the 1982 census program, information was collected on the output of approximately 11,000 individual product items.²⁰ A product, as used in the census of manufactures, is the finest level of detail for which output information was requested. It is not necessarily synonymous with the term product as used in the marketing sense. In some cases, it may be much more detailed and, in other cases, it is more aggregative. For example, there is a long list of pharmaceutical preparations but a single item for all canned meats. If detailed production figures were available from other government sources or reliable private surveys, it was not considered necessary to request extensive detail in the census.

Some 6,000 of the product items were listed separately on the 1982 census report forms. Data for the remaining 5,000 products were obtained monthly, quarterly, or annually in commodity surveys of the Current Industrial Reports program of the Bureau of the Census. Totals for the year 1982 for these items compiled in the commodity surveys are shown in table 6a, products shipped, in the industry reports. On the 1982 census forms, only an overall control total or "tieline" was obtained. In table 6a, both the tieline total and the total of the detail obtained in the Current Industrial Reports are shown to indicate how closely the two surveys were reconciled.

Typically, both quantity and value of shipments were collected. However, physical quantity measures are not meaningful for some product lines, and for these, only value of shipments was collected. If a product was used to a large degree in the fabrication of other products within the same establishment in which it was produced, total quantities produced and often the quantities consumed were collected. Information on production, as well as shipments, was also collected for products for which there are significant differences between the two because of wide fluctuations in finished goods inventories. Alternate measures of output of products, such as value of work done for products with long production cycles, were used as appropriate and feasible.

Classes of products—The individual products were aggregated into classes of products which were, in turn, grouped into the primary products of each industry. In the code structure, a seven-digit number is assigned to the individual product, a five-digit code to the class of product, and a four-digit code to the total primary products in an industry. (See section 7 for application of coding structure to the assignment of SIC codes for establishments.)

²⁰See 1982 Census of Manufactures and Mineral Industries, MC82-R-1, Numerical List of Manufactured and Mineral Products.

Table J. Value of Products, Not Specified by Kind: 1982 and 1977

(Million dollars)

| Major group | Total value of product shipments | | Products not specified by kind | | | | | | | | | | | |
|-------------|----------------------------------|-------------|--------------------------------|----------|-----------------|----------|-----------------|----------|------------------------|------|-----------------|------|-----------------|------|
| | | | Total | | Large companies | | Small companies | | Percent attributed to— | | | | | |
| | | | | | | | | | Total | | Large companies | | Small companies | |
| | 1982 | 1977 | 1982 | 1977 | 1982 | 1977 | 1982 | 1977 | 1982 | 1977 | 1982 | 1977 | 1982 | 1977 |
| Total | 1 863 103.2 | 1 287 117.8 | 103 186.9 | 65 064.9 | 74 397.5 | 43 057.2 | 28 789.4 | 22 007.7 | 5.5 | 5.1 | 4.0 | 3.4 | 1.6 | 1.7 |
| 20 | 259 465.4 | 177 357.2 | 19 020.4 | 10 836.6 | 15 678.8 | 7 446.0 | 3 341.6 | 3 390.6 | 7.3 | 6.1 | 6.0 | 4.2 | 1.3 | 1.9 |
| 21 | 15 372.6 | 8 524.9 | 11.1 | 54.3 | 4.5 | 38.2 | 6.6 | 16.1 | .1 | .6 | (Z) | .5 | (Z) | .2 |
| 22 | 46 586.3 | 39 439.5 | 2 047.4 | 1 243.0 | 1 618.5 | 871.9 | 428.9 | 371.1 | 4.4 | 3.2 | 3.5 | 2.2 | .9 | .9 |
| 23 | 51 392.7 | 38 876.5 | 4 784.6 | 4 207.2 | 3 688.9 | 3 213.0 | 1 095.7 | 994.2 | 9.3 | 10.8 | 7.2 | 8.3 | 2.1 | 2.6 |
| 24 | 40 864.6 | 38 110.0 | 7 307.7 | 5 312.9 | 5 047.4 | 3 470.8 | 2 260.3 | 1 842.1 | 17.9 | 13.9 | 12.4 | 9.1 | 5.5 | 4.8 |
| 25 | 23 266.5 | 16 162.9 | 2 673.1 | 1 763.4 | 2 074.5 | 1 195.3 | 598.6 | 568.1 | 11.5 | 10.9 | 8.9 | 7.4 | 2.6 | 3.5 |
| 26 | 77 067.3 | 50 350.3 | 2 734.6 | 1 883.4 | 2 115.0 | 1 341.3 | 619.6 | 542.1 | 3.6 | 3.7 | 2.7 | 2.7 | .8 | 1.1 |
| 27 | 83 523.5 | 46 692.4 | 13 543.7 | 6 091.9 | 9 663.9 | 4 167.9 | 3 880.6 | 1 924.0 | 16.2 | 13.1 | 11.6 | 8.9 | 4.7 | 4.1 |
| 28 | 161 192.7 | 109 724.4 | 6 613.7 | 3 453.6 | 5 053.8 | 2 122.4 | 1 559.9 | 1 331.2 | 4.1 | 3.2 | 3.1 | 1.9 | 1.0 | 1.2 |
| 29 | 200 307.5 | 93 945.7 | 2 395.1 | 776.6 | 2 341.1 | 674.8 | 54.0 | 101.8 | 1.2 | .8 | 1.2 | .7 | (Z) | .1 |
| 30 | 54 881.2 | 38 237.2 | 4 901.8 | 3 297.5 | 3 393.0 | 2 508.3 | 1 508.8 | 789.2 | 8.9 | 8.6 | 6.2 | 6.6 | 2.8 | 2.1 |
| 31 | 9 014.4 | 7 122.3 | 580.0 | 594.7 | 455.2 | 488.2 | 124.8 | 106.5 | 6.4 | 8.4 | 5.1 | 6.9 | 1.4 | 1.5 |
| 32 | 42 976.4 | 33 780.9 | 2 164.1 | 1 756.8 | 955.3 | 1 164.2 | 1 208.8 | 592.6 | 5.0 | 5.2 | 2.2 | 3.5 | 2.8 | 1.8 |
| 33 | 100 560.1 | 99 044.8 | 1 545.7 | 1 469.7 | 1 034.1 | 822.7 | 511.6 | 647.0 | 1.5 | 1.5 | 1.0 | .8 | .5 | .7 |
| 34 | 114 623.0 | 85 593.8 | 7 189.4 | 6 059.9 | 4 554.4 | 3 976.7 | 2 635.0 | 2 083.2 | 6.3 | 7.1 | 4.0 | 4.7 | 2.3 | 2.4 |
| 35 | 176 581.8 | 115 329.9 | 11 416.6 | 7 624.6 | 7 063.0 | 4 557.9 | 4 353.6 | 3 066.7 | 6.5 | 6.6 | 4.0 | 4.0 | 2.5 | 2.7 |
| 36 | 140 339.2 | 83 014.3 | 6 255.6 | 2 988.2 | 4 569.7 | 1 650.0 | 1 685.9 | 1 338.2 | 4.5 | 3.6 | 3.3 | 2.0 | 1.2 | 1.6 |
| 37 | 191 857.8 | 161 607.6 | 2 749.4 | 1 999.9 | 1 724.1 | 1 084.9 | 1 025.3 | 915.0 | 1.4 | 1.2 | .9 | .7 | .5 | .6 |
| 38 | 47 979.5 | 26 949.1 | 2 318.2 | 1 277.4 | 1 441.4 | 662.6 | 876.8 | 614.8 | 4.8 | 4.7 | 3.0 | 2.5 | 1.8 | 2.3 |
| 39 | 25 250.7 | 17 254.1 | 2 934.7 | 2 373.3 | 1 921.7 | 1 600.1 | 1 013.0 | 773.2 | 11.6 | 13.8 | 7.6 | 9.3 | 4.0 | 4.5 |

Note: These values are product shipments, irrespective of the industry in which the products were made and exclusive of miscellaneous receipts and, therefore, differ from the industry group totals shown in the General Summary tables. However, products primary to more than one product group are classified based on the industry in which they were made. Data for some product groups may differ slightly from the data collected in order to avoid disclosing data for individual companies which have previously been withheld from the tables 6a of the 1982 and 1977 Censuses of Manufactures, Industry Series.

The 11,000 product items in the 1982 census (including products from the Current Industrial Reports program) were grouped into approximately 1,500 separate product classes. General similarity was the basis for the product class combinations within each four-digit industry, i.e., kind or use of products, the manufacturing processes, type of markets, or materials used. The economic significance of the class was also taken into account; residual products of an industry were grouped when the dollar value of the products did not warrant separate classes.

Since preserving confidentiality of the data of respondent companies is a determinant of the amount of detail that can be published, the larger number of respondents included in the product-class shipments totals permits many more cross tabulations than do the seven-digit products. In the industry report series, product classes by State appear in table 6b and by industry of the establishment producing them, in table 5c. The latter table clearly shows the primary and secondary product mix of an industry, as well as the interrelationship between the four-digit industry value of shipments and four-digit product group value of shipments.

It is possible to classify individual establishments not only by four-digit industry, but also by the largest class of products they produce within that industry. Table 5a of the industry reports provides finer industry-type general statistics for establishments classified according to the degree to which they specialize in producing a specific class of products.

The class-of-product concept was incorporated by the Bureau of the Census into the 1947 Census of Manufactures after it developed the technique in the compilation of World War II production statistics. Product classes were used to collect product information in the first ASM conducted in 1949. The product classes tend to be redefined more frequently than the SIC on which they are based in order to keep abreast of the growth and decline of products.

Effect of use of administrative records on product data—As noted elsewhere in this Introduction, 130,000 small manufacturers were not mailed report forms and most of their detail was imputed based on limited information in IRS and SSA administrative records. All of the value of products of these small establishments were coded only to the four-digit products of the industry in which they were classified. These product shipments are uniquely identified in table 6a of the industry reports. Also uniquely identified are product shipments of reporting companies which were described too generally to code below the four-digit level. Frequently, these were residuals in the company's records which the company felt it could not further break down. Table J, summarized by two-digit group, reflects the importance of these n.s.k. product shipments. They tend to be moderate in size except in lumber, furniture, and printing (SIC 24, 25, and 27.) The n.s.k. of the respondents tends to be larger than that of the administrative records.

One factor tends to reduce the value of products, n.s.k., attributed to administrative-record companies that affects table J, particularly. In some four-digit industries, there is only one product category (an example is Industry 3273, Ready-Mixed Concrete). Administrative-record estimates for these products were treated as specific information and not tabulated as "n.s.k." headings.

In using the data for the specific seven-digit products shown in table 6a of the industry reports the importance of the n.s.k. has to be considered. The shipments of individual products tend to be understated somewhat in proportion to the size of the n.s.k. Census-to-census comparison of seven-digit products should be made with caution if there has been a significant increase or decrease in the importance of the n.s.k.

19. DUPLICATION IN COST OF MATERIALS AND VALUE OF SHIPMENTS

The aggregates of the cost of materials and value of shipments figures for industry groups and all manufacturing industries, include large amounts of duplication since the products of some industries are used as materials by others. With some important exceptions, such as Industry 3312, Blast Furnaces and Steel Mills, this duplication is not significant within individual four-digit industries. However, it is significant at the two- and three-digit industry levels because these group totals often include industries which are successive stages in the production of a finished manufactured product. Examples are the addition of flour mills to bakeries in the total value of shipments of SIC major group 20 and the addition of pulp mills to paper mills in group 26. Economists have estimated that the value of manufactured products exclusive of such duplication (the value of finished manufactures) tends to approximate two-thirds of the total value of shipments reported in the census of manufactures.

Because the amount of duplication of the cost of materials in the value of products figures cannot be measured with any degree of precision, caution is urged with the use of the value of shipments totals at the two- and three-digit industry group levels.

Even where there is no significant amount of duplication within an industry group, value of shipments figures are not the best measures of the relative economic importance of individual manufacturing industries or geographic areas. There are wide variations in the ratio of materials, labor, and other processing costs to value of shipments; both among industries and within the same industry. The manufacturing process contributes only a small amount to the sales value of some products; but a large amount to the final value of others. Value added by manufacture is a better measure of the net contribution of an industry to the Nation's overall output.

20. VALUE ADDED BY MANUFACTURE

General—The first step in the calculation of value added is the conversion of the value of shipments (including resales and miscellaneous receipts) to value of production by adding the ending inventory of finished goods and work-in-process inventories and subtracting the beginning inventory. The cost of materials (including materials, supplies, fuel, electric energy, cost

of resales, and cost of contract work) is then subtracted from this value of production to obtain value added.²¹

Because of the change in instructions for reporting inventories for 1982, the 1982 figure for value added is not strictly comparable to prior-year data. This is explained fully in the inventories section below.

Value added avoids the duplication in the value of shipments figure which results from the inclusion of the shipments of establishments producing materials and components, along with the shipments of establishments producing finished products. It does not exclude the cost of services purchased from other business firms, as does the concept of value added, used in the national income accounts.²² Nevertheless, it is considered to be the best value measure available in census data for comparing the relative economic importance of manufacturing among industries and geographic areas.

Gross national product and value added—The U.S. national income and product accounts, prepared by the Commerce Department's Bureau of Economic Analysis (BEA), include estimates of the gross product originating in manufacturing. As explained below, this measure is not completely comparable to Census value added.

Gross product originating (GPO) in manufacturing is that industry's share of the Nation's output of goods and services valued at market prices before deductions for depreciation charges. It is calculated either as the sum of income payments (e.g., wages, profits, and interest) and other costs (e.g., depreciation and indirect business taxes or as the difference between the value of production (shipments plus change in inventories) and cost of materials and services consumed. Census value added, on the other hand, is calculated as the difference between the value of production and the cost of materials consumed; the cost of purchased services is not removed. GPO differs from the census value added not only because the BEA measure excludes purchased services, but also because it includes sales and excise and other indirect business taxes other than property taxes, and reflects inventory change valued at replacement cost. These differences arise because Census does not collect data for all purchased services, defines shipments to exclude excise and sales taxes, and calculates inventory change using the data as reported by the manufacturer. (BEA adds to these "book value" inventories an inventory valuation adjustment (IVA) which converts them to a replacement cost valuation to make them consistent with the definition of gross national product.)

Of these three differences, the GPO measure provides separate estimates of only the taxes and the IVA. Estimates of purchased services are not available because BEA calculates GPO using the sum of income payments and costs method. As a result, a direct reconciliation of the GPO and census value added measures is

²¹For a few industries (for example, ship building) where value of work done is substituted for value of shipments, no adjustment is made for change in inventories. In a few other industries where value of production is collected, the inventory adjustment is made only on basis of change in work-in-process inventories.

²²Collection of data on the cost of purchased business services at plant level presents many problems. Advertising by multiunit companies, for example, is frequently charged at the company level and cost either not allocated to plants or, if allocated, are only included as part of a broader company overhead category. National income data, on the other hand, are compiled, in part, from company rather than plant data, such as the IRS statistics of income in which advertising is presented as a separate cost item based on company reports.

Table K. Gross Product Originating and Value Added by Major Group: 1982 and 1977

(Billion dollars)

| Sic code | Major group | Gross product originating ¹ | | Value added | | Gross product originating as percent of value added | |
|----------|---|--|-------|-------------|-------|---|------|
| | | 1982 | 1977 | 1982 | 1977 | 1982 | 1977 |
| | Manufacturing | 630.6 | 464.8 | 824.1 | 585.2 | 77 | 79 |
| | Nondurable goods | 266.5 | 187.1 | 361.2 | 246.9 | 74 | 76 |
| 20 | Food and kindred products | 59.0 | 42.7 | 88.4 | 56.1 | 67 | 76 |
| 21 | Tobacco manufactures | 8.4 | 5.7 | 9.0 | 4.3 | 93 | 133 |
| 22 | Textile mill products | 15.3 | 13.7 | 18.6 | 16.1 | 82 | 85 |
| 23 | Apparel and other fabricated textile products | 18.3 | 14.1 | 26.0 | 19.7 | 70 | 72 |
| 26 | Paper and allied products | 25.4 | 18.6 | 33.4 | 22.2 | 76 | 84 |
| 27 | Printing and publishing | 37.3 | 23.0 | 54.4 | 32.0 | 69 | 72 |
| 28 | Chemicals and allied products | 55.5 | 36.9 | 77.3 | 56.7 | 72 | 65 |
| 29 | Petroleum and coal products | 24.2 | 15.2 | 22.1 | 16.4 | 110 | 93 |
| 30 | Rubber and miscellaneous plastics products | 19.0 | 14.5 | 27.2 | 19.7 | 70 | 74 |
| 31 | Leather and leather products | 4.2 | 2.9 | 4.8 | 3.7 | 88 | 78 |
| | Durable goods | 364.0 | 277.7 | 463.0 | 338.3 | 79 | 82 |
| 24 | Lumber and wood products | 15.2 | 15.7 | 15.4 | 16.2 | 99 | 97 |
| 25 | Furniture and fixtures | 9.1 | 6.6 | 12.8 | 8.9 | 71 | 74 |
| 32 | Stone, clay, and glass products | 17.4 | 15.1 | 23.0 | 19.1 | 76 | 79 |
| 33 | Primary metal industries | 35.7 | 33.2 | 33.3 | 37.6 | 107 | 88 |
| 34 | Fabricated metal products | 46.6 | 35.0 | 58.9 | 45.5 | 79 | 77 |
| 35 | Machinery, except electrical | 79.3 | 54.3 | 102.3 | 67.2 | 78 | 81 |
| 36 | Electric and electronic equipment | 64.0 | 41.4 | 84.6 | 50.4 | 76 | 82 |
| 371 | Motor vehicles and equipment | 31.2 | 37.1 | 34.3 | 36.6 | 91 | 101 |
| 372-9 | Other transportation equipment | 32.2 | 19.4 | 50.6 | 27.2 | 64 | 71 |
| 38 | Instruments | 22.7 | 12.3 | 33.7 | 18.7 | 67 | 66 |
| 39 | Miscellaneous manufacturing industries | 10.5 | 7.5 | 14.1 | 10.3 | 74 | 73 |

¹Source: Manufacturing GPO appears in the Survey of Current Business, July 1984 and previous years. Industry group detail is not published but is available on request from BEA.

²Establishments in this industry reported value of production rather than value of shipments. Consequently, the formula for computing adjusted value added by manufacture was modified to include only changes in work-in-process between beginning- and end-of-year inventories.

not possible. Furthermore, the source data used by BEA to estimate GPO give rise to statistical differences between the two series, especially at the more detailed industry levels. First, some of the income and cost components of GPO are available only on a consolidated company-industry basis and must be converted to an establishment-industry basis. Profits and depreciation, which are based on tabulation of income tax returns, are converted using information from the Census Bureau's Census-IRS link project. However, because current data from this project are not available and because of problems with the conversion procedures used by BEA, the resulting establishment industry distributions may have significant errors, especially at the two-digit SIC industry levels. For interest, another component of GPO derived from tax return information, no such conversion is attempted. A second statistical difference, which is a major factor at the two-digit industry levels, is the industry classification underlying the estimates of wages and salaries. BEA uses Bureau of Labor Statistics (BLS) tabulations of wages paid by employees covered by unemployment insurance, while Census wages and salaries are those collected by Census. While both systems use the SIC as the basis of the classification, differences arise

because Census and BLS use different information upon which to base the classification of individual establishments. Finally, the BEA measure includes the GPO of nonemployer firms. These firms, which are not covered in the census of manufactures, are usually very small and do not constitute a significant share of GPO except in the lumber and wood products industry.

Table K provides a comparison for 1977 and 1982 of the two measures by the two-digit SIC industry. Table L provides a year-by-year comparison of all manufacturing GPO and census value added.

21. CAPITAL EXPENDITURES AND GROSS ASSETS

Capital expenditures—The manufacturers were instructed to report expenditures of the type chargeable to fixed assets accounts, for which depreciation reserves are normally maintained. Actual capital outlays during the year were requested, not the final value of equipment put in place or structures completed during the year.

Table L. Gross Product Originating and Value Added by Manufacture: 1982 and Earlier Years

[Billion dollars]

| Year | Gross product originating ¹ | Value added | Gross product originating as percent of value added |
|------------|--|-------------------|---|
| 1982 | 630.6 | 824.1 | 77 |
| 1981 | 643.5 | 837.5 | 77 |
| 1980 | 581.5 | 773.8 | 75 |
| 1979 | 563.2 | 747.5 | 75 |
| 1978 | 518.7 | 657.4 | 79 |
| 1977 | 464.8 | 585.2 | 79 |
| 1976 | 410.4 | 511.5 | 80 |
| 1975 | 358.2 | 442.5 | 81 |
| 1974 | 340.7 | 452.5 | 75 |
| 1973 | 326.1 | 405.6 | 80 |
| 1972 | 292.5 | 354.0 | 83 |
| 1971 | 265.6 | 314.1 | 85 |
| 1970 | 252.2 | 300.2 | 84 |
| 1969 | 256.7 | 304.4 | 84 |
| 1968 | 242.8 | 285.1 | 85 |
| 1967 | 222.3 | 262.0 | 85 |
| 1966 | 216.6 | 250.9 | 86 |
| 1965 | 197.7 | 226.9 | 87 |
| 1964 | 179.4 | 206.2 | 87 |
| 1963 | 167.4 | 192.1 | 87 |
| 1962 | 157.9 | 179.1 | 88 |
| 1961 | 144.4 | 164.3 | 88 |
| 1960 | 143.8 | 164.0 | 88 |
| 1959 | 141.3 | 161.5 | 87 |
| 1958 | 123.8 | 141.5 | 87 |
| 1957 | 131.4 | 147.8 | 89 |
| 1956 | 126.8 | 144.9 | 88 |
| 1954 | 106.4 | 117.0 | 91 |
| 1947 | 66.2 | ² 74.3 | 89 |

¹Data for gross product originating selected from Department of Commerce, Survey of Current Business, July 1984 and previous years.

²Value added for 1947 is unadjusted for changes in inventory.

The Bureau of the Census estimates of capital expenditures tend to be lower than those published by BEA in its quarterly survey of expenditures for plant and equipment. In addition to normal sampling variation, a major source of difference rests in the scope of the two series. Census data relate only to manufacturing establishments.

The BEA series relating to manufacturing includes all establishments of manufacturing companies, nonmanufacturing as well as manufacturing, but excludes manufacturing establishments of companies that they have classified as chiefly nonmanufacturing. This difference in the two series is particularly important in the petroleum industry where company expenditures for developing new wells and new distribution facilities are ordinarily much larger than their capital expenditures at refineries. The BEA and Census data for recent years are shown in tables M and N.

Table M. Expenditures for New Plant and Equipment—BEA Series and Census: 1982 and Earlier Years

[Billion dollars]

| Year | BEA series ¹ | Census (census of manufactures and ASM) ² | Census as percent of BEA |
|------------|-------------------------|--|--------------------------|
| 1982 | 120.7 | 74.6 | 62 |
| 1981 | 126.5 | 78.6 | 62 |
| 1980 | 112.3 | 70.1 | 62 |
| 1979 | 95.9 | 61.5 | 64 |
| 1978 | 78.6 | 55.2 | 70 |
| 1977 | 67.5 | 47.5 | 70 |
| 1976 | 58.5 | 40.5 | 69 |
| 1975 | 53.7 | 37.3 | 69 |
| 1974 | 52.5 | 35.7 | 68 |
| 1973 | 42.4 | 27.0 | 64 |
| 1972 | 35.4 | 24.1 | 69 |
| 1971 | 33.6 | 20.9 | 62 |
| 1970 | 37.0 | 22.2 | 60 |
| 1969 | 36.3 | 22.3 | 61 |
| 1968 | 32.3 | 20.6 | 64 |
| 1967 | 32.3 | 21.5 | 67 |
| 1966 | 31.4 | 20.2 | 64 |
| 1965 | 25.4 | 16.6 | 65 |
| 1964 | 21.2 | 13.3 | 63 |
| 1963 | 17.3 | 11.4 | 66 |
| 1962 | 16.0 | 10.0 | 63 |
| 1961 | 15.5 | 9.8 | 63 |
| 1960 | 16.4 | 10.0 | 61 |
| 1959 | 13.8 | 9.3 | 67 |
| 1958 | 13.0 | 9.6 | 74 |
| 1954 | 12.0 | 8.2 | 68 |
| 1947 | 8.7 | ³ 6.0 | 69 |

Source: Department of Commerce, Bureau of Economic Analysis, and Bureau of the Census.

¹Data from U.S. Department of Commerce, Survey of Current Business, February 1985.

²Capital consumption allowances in GDP and depreciation as collected in the census are not completely comparable. Depreciation reported in the census is that carried on the books of the establishment and is charged against the original purchase cost of the assets. In the GNP accounts, a "capital consumption adjustment" is made to place the depreciation more on a replacement cost basis. Specifically, it is "the tax-return-based capital consumption allowances, less capital consumption allowances, that are based on estimates of economic service lives, straight-line depreciation, and replacement cost."

³Excludes data for establishments under construction but not yet in operation.

Gross value of fixed assets—In addition to reporting capital expenditures during the year, the manufacturers were requested to report the original cost value of fixed assets (structures and machinery and equipment) in place at the end of the year, along with depreciation and retirements during the year. This series, however, is based on reports filed in the ASM sample. It is conceptually comparable with the capital expenditures data. As the Census capital expenditures series differs from the BEA series,

Table N. Expenditures for New Plant and Equipment—BEA Series and Census of Manufactures by Major Group: 1982 and 1977

[Billion dollars]

| Major group | BEA series ¹ | | Census of manu- factures | | Census as percent of BEA | |
|---|-------------------------|-------------|-----------------------------|-------------|--------------------------------|-----------|
| | 1982 | 1977 | 1982 | 1977 | 1982 | 1977 |
| All manufacturing | 120.7 | 67.5 | 74.6 | 47.5 | 62 | 70 |
| Durable goods | 55.4 | 32.8 | 36.6 | 24.4 | 66 | 74 |
| Primary metal industries | 6.9 | 5.0 | 4.7 | 4.5 | 68 | 90 |
| Fabricated metal products | 3.1 | 2.5 | 3.7 | 2.6 | 119 | 104 |
| Electric and electronic equipment | 11.0 | 4.6 | 7.5 | 2.9 | 68 | 63 |
| Machinery, except electrical | 13.4 | 6.4 | 8.5 | 4.4 | 69 | 69 |
| Transportation equipment | 12.6 | 8.3 | 7.2 | 4.7 | 57 | 57 |
| Stone, clay, and glass products | 2.9 | 2.3 | 2.3 | 1.9 | 79 | 83 |
| Other durables | 5.5 | 3.8 | 2.7 | 3.4 | 49 | 89 |
| Nondurable goods | 65.3 | 34.7 | 37.9 | 23.2 | 58 | 67 |
| Food and kindred products | 8.7 | 5.7 | 6.7 | 4.2 | 77 | 74 |
| Textile mill products | 1.5 | 1.2 | 1.6 | 1.2 | 77 | 100 |
| Paper and allied products | 5.6 | 3.5 | 5.1 | 3.3 | 91 | 94 |
| Chemicals and allied products | 12.7 | 7.4 | 9.1 | 8.2 | 72 | 111 |
| Petroleum and coal products | 26.4 | 11.8 | 6.6 | 2.3 | 25 | 19 |
| Rubber and miscellaneous plastics products | 2.2 | 1.8 | 1.6 | 1.6 | 100 | 89 |
| Other nondurables | 8.3 | 3.4 | 6.6 | 2.4 | 80 | 71 |

¹Data from U.S. Department of Commerce, Survey of Current Business, February 1985.

so the Census gross assets series will differ from similar series based on company level reports, i.e., those appearing in the IRS Statistics of Income and the Bureau of the Census Quarterly Financial Report of Corporations. Since the census assets series is also based on sample estimates from the ASM, it is subject to a sampling error. (See the appendixes for more complete definitions of terms.)

22. INVENTORIES

The value of end-of-year inventories held by each manufacturing establishment was obtained for each year. A measure of the changes in inventories from the beginning to the end of each year is essential to the conversion of value of shipments during the year to value of production, and, therefore, to the calculation of value added. The ratios of inventories to shipments at different times are also used in analysis of trends and business-cycle movements. For the best use of all of these measures, the inventories should be valued in the same prices as the shipments. Census inventory statistics have some limitations in these uses.

Respondents were asked to report their 1981 and 1982 end-of-year inventories at cost or market. Effective with the 1982 Economic Censuses, this change to a uniform instruction for reporting inventories was introduced for all sector reports. Prior to 1982, respondents were permitted to value inventories using any generally accepted accounting method (FIFO, LIFO, market, to name a few). In 1982, LIFO users were asked to first report the LIFO reserve and the LIFO value after adjustment for the reserve.

Because of this change in reporting instructions, the 1982 data for inventories and value added by manufacture included in the tables of this report are not comparable to the prior-year data

shown in this report and in historical census of manufactures and annual survey of manufactures publications.

Separate information was requested for:

- Finished goods,
- Work-in-process, and
- Materials, supplies, fuel, and other inventories.

In using inventory data by stage of fabrication for all industries at the industry level, it should be noted that an item treated as a finished product by an establishment in one industry may be reported as a raw material by another establishment in a different industry. For example, the finished-product inventories of a steel mill would be reported as raw materials by a stamping plant. Such differences are present in the inventory figures by stage of fabrication shown for individual industries, industry groups, and all manufacturing which are merely aggregates of figures reported by establishments in specified industries.

For a few industries in the food group, there are special problems in the handling of inventories by stage of fabrication. These are industries in which the products are aged. Included among such types of products are stemmed and dried tobacco, cheese, and whiskey. It is not clear whether such products should be treated as finished-goods inventories or as work in process while in storage. In all these industries, substantial finished goods inventories have been reported. These data have been summarized in the inventory tables in a consistent manner for all of the years included in this report.

23. PLANT SPECIALIZATION

As discussed in section 7 above, the primary products of a plant are those which determine its industry classification; all other products are referred to as secondary products. The value of a plant's primary products in comparison to its total production is referred to as its degree of specialization. For each plant, two measures of specialization were computed:

- A four-digit primary product-specialization ratio, which is the sum of the values of all the plant's primary products divided by the sum of all its primary and secondary products.
- A five-digit primary product-class specialization ratio, which is the sum of the largest five-digit product-class value divided by the sum of its primary and secondary products (the miscellaneous receipts of the establishment were not included in these calculations). For example, assume that an establishment reported the following:

| | |
|---|---------|
| Total value of shipments and other receipts . . . | \$1,000 |
| Miscellaneous receipts (resales, etc.) | 15 |
| Total value of products shipped | 985 |
| 32721, Concrete pipe products | 100 |
| 32722, Precast concrete products | 785 |
| 32730, Ready-mixed concrete | 100 |

This plant would be coded into Industry 3272, Concrete Products, with a primary product specialization ratio of 90 percent ($\$885 \div 985$); it would be subclassified into the five-digit

24. CONFIDENTIALITY

The Bureau of the Census is prohibited by law from publishing any statistics that disclose information reported by individual companies. In suppressing figures to avoid disclosing data for individual companies, individual States are given precedence over geographic regions and divisions. This is a change beginning in 1977, since in prior censuses the large geographic areas were given precedence. As a result of this change in philosophy, it has become more difficult to produce industry detail for the larger geographic areas and data for these areas are no longer published. States are given precedence over standard metropolitan statistical areas; standard metropolitan statistical areas over counties; and counties over places.

In tables showing industry detail, major group (two-digit) totals take precedence over industry group (three-digit) totals which, in turn, take precedence over individual (four-digit) industries. Similarly, in product tables, four-digit product groupings take precedence over five-digit product classes and the latter over individual seven-digit products.

Such order of precedence was used because:

- a. It was considered preferable to show State data for an industry, even at the cost of withholding data for a region. In recent years, there seemed to be more need for and use of data for individual States than for the larger regions, especially since many regional development programs encompassed clusters of States different from the standard regions and divisions.
- b. By giving preference to the industry group statistics over individual industries within each State, the extent to which individual States can be compared within the SIC industry classification framework is greatly increased.

25. MICROFICHE AND COMPUTER TAPES

Data in many tables in the census reports are available on microfiche and on computer tape.

One major data series, Location of Manufacturing Plants, will be available only on computer tape. This series presents the number of establishments by employment size class by four-digit industry codes for States, counties, and places of 2,500 inhabitants or more. These data are available for both State and county by industry and State and place by industry.

Microfiche reports and computer tapes are sold by Data User Services Division, Customer Services (Microfiche/Tapes), Bureau of the Census, Washington, D.C. 20233.

26. SPECIAL TABULATIONS

Special tabulations of data collected in the 1982 Census of Manufactures may be obtained on computer tape or in tabular form. The data will be in summary form and subject to the same rules prohibiting disclosure of confidential information (including name, address, kind of business, or other data for individual business establishments or companies) as are the regular publications.

Special tabulations are prepared on a cost basis. A request for a cost estimate as well as exact specifications on the type and format of the data to be provided, should be directed to the Chief, Industry Division, Bureau of the Census, Washington, D.C. 20233.

27. ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used in this publication:

| | |
|--------|--|
| — | Represents zero. |
| (D) | Withheld to avoid disclosing data for individual companies. |
| (NA) | Not available. |
| (S) | Withheld because estimate did not meet publication standards on the basis of either the response rate or a consistency review. |
| (X) | Not applicable. |
| (Z) | Less than half the unit shown. |
| ASM | Annual Survey of Manufactures. |
| BEA | Bureau of Economic Analysis. |
| CIR | Current Industrial Reports. |
| equiv | Equivalent. |
| GNP | Gross National Product. |
| hp | Horsepower. |
| IRS | Internal Revenue Service. |
| kWh | Kilowatt-hours. |
| lin. | Linear. |
| n.e.c. | Not elsewhere classified. |
| n.s.k. | Not specified by kind. |
| SEC | Securities and Exchange Commission. |
| SIC | Standard Industrial Classification. |
| SSA | Social Security Administration. |

Other abbreviations, such as lb, gal, yd, doz, and bbl, are used in the customary sense. Where the term "tons" only is used, it refers to short tons of 2,000 pounds; where the figures are expressed in tons of 2,240 pounds, the unit of measure is specified as "long tons" or "gross tons."

Users' Guide for Locating Statistics

[For explanation of terms, see appendixes]

| | Item | Manufacturing total | | | Major groups | |
|----|--|------------------------|--|--------|--------------------------------|--------------------------------|
| | | All industries | Operating establishments and auxiliaries | | By industry group and industry | By industry group and industry |
| | | | Historical | Ratios | | |
| 1 | Number of companies | 2-3a, 4-2a | | | 1-3 | |
| 2 | Number of manufacturing establishments | 2-3a, 4-2a, 5-5 | 1-1 | | 1-3 | 2-1 2-2 |
| | Employment and payroll: | | | | | |
| 3 | Number of employees | 2-3a, 4-2a, 4-4 | 1-1 | 1-2 | 1-3 | 2-1, 2-4 2-2 |
| 4 | Payroll | 2-3a, 4-2a, 4-4 | 1-1 | 1-2 | 1-3 | 2-1, 2-4 2-2 |
| 5 | Supplemental labor costs | 2-3d | | | | |
| 6 | Production workers | 2-3a, 4-2a | 1-1 | 1-2 | 1-3 | 2-1 2-2 |
| 7 | Production-worker hours | 2-3a, 4-2a | 1-1 | 1-2 | 1-3 | 2-1 2-2 |
| 8 | Production-worker wages | 2-3a, 4-2a | 1-1 | 1-2 | 1-3 | 2-1 2-2 |
| | Shipments, cost of materials, and value added: | | | | | |
| 9 | Total shipments | 2-3a, 4-2a | 1-1 | 1-2 | 1-3 | 2-1 2-2 |
| 10 | Major group shipments (two-digit) | | | | 1-3 | 2-1 2-2 |
| 11 | Value of shipments (three-digit) | | | | 1-3 | |
| 12 | Value of shipments (four-digit) | | | | 1-3 | |
| 13 | Product class shipments (five-digit) | | | | | |
| 14 | Value added by manufactures | 2-3a, 4-2a | 1-1 | 1-2 | 1-3 | 2-1 2-2 |
| 15 | Cost of materials | 2-3a, 4-2a | | 1-2 | | 2-1 2-2 |
| 16 | Fuels and electric energy | 2-3a, 2-3d, 4-2a, 4-2b | | | | |
| | Inventories: | | | | | |
| 17 | Total, end of year | 2, 3b, 4-2a | | | 1-3 | |
| 18 | By method of valuation | 2-3b, 2-3c, 4-2a | | | | |
| 19 | By stage of fabrication | 2-3b, 4-2a | | | | |
| 20 | Total, beginning of year | 2-3b, 4-2a | | | 1-3 | |
| | Capital expenditures, assets, rental payments, purchased services: | | | | | |
| 21 | New capital expenditures | 2-3a, 2-3d, 4-2a, 4-2b | 1-1 | | 1-3 | 2-1 2-2 |
| 22 | Used plant and equipment expenditures | 2-3a, 2-3d, 4-2a, 4-2b | | | | |
| 23 | Gross assets | 2-3d, 4-2b | | 1-2 | | |
| 24 | Depreciation | 2-3d, 4-2b | | | | |
| 25 | Retirements of buildings and machinery | 2-3d, 4-2b | | | | |
| 26 | Rental payments | 2-3d, 4-2b | | | | |
| 27 | Purchased services | 2-3d, 4-2b | | | | |
| | Ratios: | | | | | |
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| 29 | Coverage | | | | 1-3 | |

in This Report by Table Number

| Major groups—Con. | | | Geographic area | | | | | |
|--------------------------|-------------|-------------------------------------|-----------------|--------------------------|---------|-------------|--------------------|----|
| Summary and supplemental | Auxiliaries | Five-digit historical product class | Historical | Summary and supplemental | By SMSA | Auxiliaries | By employment size | |
| 2-3a | | | | 4-2a | | | | 1 |
| 2-3a | 2-5 | | 4-1 | 4-2a | 4-3 | | 4-5 | 2 |
| 2-3a | 2-4, 2-5 | | 4-4, 4-4 | 4-2a | 4-3 | 4-4 | | 3 |
| | 2-4, 2-5 | | 4-1, 4-4 | | 4-3 | 4-4 | | 4 |
| 2-3d | | | | 4-2b | | | | 5 |
| 2-3a | | | 4-1 | 4-2a | 4-3 | | | 6 |
| 2-3a | | | 4-1 | 4-2a | 4-3 | | | 7 |
| 2-3a | | | 4-1 | 4-2a | 4-3 | | | 8 |
| | | | 4-1 | 4-2a | 4-3 | | | 9 |
| 2-3a | | | | | | | | 10 |
| | | | | | | | | 11 |
| | | | | | | | | 12 |
| | | 3-1 | | 4-2a | 4-3 | | | 13 |
| 2-3a | | | 4-1 | 4-2a | 4-3 | | | 14 |
| 2-3a | | | 4-1 | 4-2a | | | | 15 |
| 2-3a, 2-3d | | | | 4-2a, 4-2b | | | | 16 |
| | | | | | | | | |
| 2-3b | | | | 4-2a | | | | 17 |
| 2-3b, 2-3c | | | | 4-2a | | | | 18 |
| | | | | | | | | |
| 2-3b | | | | 4-2a | | | | 19 |
| | | | 4-2a | | | | | 20 |
| | | | | | | | | |
| 2-3a, 2-3d | | | 4-1 | 4-2a, 4-2b | 4-3 | | | 21 |
| | | | | | | | | |
| 2-3a, 2-3d | | | | 4-2a, 4-2b | | | | 22 |
| | | | | | | | | |
| 2-3d,4-2b | | | | 4-2b | | | | 23 |
| 2-3d | | | | 4-2b | | | | 24 |
| 2-3d | | | | 4-2b | | | | 25 |
| 2-3d | | | | 4-2b | | | | 26 |
| 2-3d | | | | 4-2b | | | | 27 |
| | | | | | | | | |
| | | | | | | | | 28 |
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CHAPTER 1.

Historical Statistics

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Table 1. Statistics for All Manufacturing Establishments Including Auxiliaries: 1982 and Earlier Years

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| Year | All establishments ¹ | | All employees ² | | Production workers | | | Value added by manufacture ⁴ (million dollars) | Value of shipments (million dollars) | New capital expenditures ⁵ (million dollars) | Index of industrial production ⁶ (1977 = 100) |
|-----------------------------|---------------------------------|---------------------------------------|--------------------------------|------------------------------|--------------------------------|---------------------|----------------------------|--|---|--|---|
| | Total (number) | With 20 employees or more (number) | Number ³ (1,000) | Payroll (million dollars) | Number ³ (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| 1982 Census | 358 061 | 123 163 | 19 094.1 | 379 626.5 | 12 400.6 | 23 538.3 | 204 787.2 | 824 117.7 | 1 960 205.8 | 74 561.5 | 99.4 |
| 1981 ASM ⁷ | (NA) | (NA) | 20 264.0 | 379 214.4 | 13 542.8 | 26 233.1 | 212 200.9 | 837 506.5 | 2 017 542.5 | 78 632.3 | 108.7 |
| 1980 ASM ⁷ | (NA) | (NA) | 20 646.9 | 350 410.9 | 13 900.1 | 26 745.7 | 198 164.0 | 773 831.3 | 1 852 668.3 | 70 112.8 | 106.0 |
| 1979 ASM ⁷ | (NA) | (NA) | 21 040.2 | 328 887.9 | 14 537.8 | 28 324.3 | 192 881.5 | 747 480.5 | 1 727 214.6 | 61 533.0 | 111.0 |
| 1978 ASM ⁷ | (NA) | (NA) | 20 501.9 | 298 867.4 | 14 228.7 | 27 676.5 | 176 416.8 | 657 412.0 | 1 522 937.3 | 55 209.2 | 106.0 |
| 1977 Census | 359 928 | 118 699 | 19 590.1 | 264 013.1 | 13 691.0 | 26 686.7 | 157 163.7 | 585 165.6 | 1 358 526.4 | 47 459.0 | 100.0 |
| 1976 ASM ⁷ | (NA) | (NA) | 18 753.0 | 233 388.7 | 13 052.0 | 25 354.2 | 137 565.4 | 511 471.1 | 1 185 695.3 | 40 669.9 | 94.5 |
| 1975 ASM ⁷ | (NA) | (NA) | 18 302.2 | 209 519.0 | 12 568.9 | 24 069.6 | 121 429.0 | 442 485.2 | 1 039 377.4 | 37 262.1 | 84.8 |
| 1974 ASM ⁷ | (NA) | (NA) | 19 844.4 | 208 312.0 | 13 927.1 | 27 251.0 | 124 977.1 | 452 497.0 | 1 017 873.4 | 35 546.1 | 94.4 |
| 1973 ASM ⁷ | (NA) | (NA) | 19 844.8 | 193 324.5 | 14 232.8 | 28 096.9 | 118 332.6 | 405 583.6 | 1 522 937.3 | 26 972.9 | 94.7 |
| 1972 Census | 320 710 | 114 195 | 19 028.7 | 174 205.5 | 13 527.9 | 26 699.2 | 105 501.8 | 353 994.0 | 756 534.3 | 24 077.7 | 86.7 |
| 1971 ASM ⁷ | (NA) | (NA) | 18 363.1 | 156 202.8 | 12 874.9 | 25 265.9 | 93 231.7 | 314 138.4 | 670 970.5 | 20 940.7 | 78.9 |
| 1970 ASM ⁷ | (NA) | (NA) | 19 217.2 | 153 078.5 | 13 528.0 | 26 669.3 | 91 609.0 | 300 227.6 | 634 322.1 | 22 164.2 | 77.6 |
| 1969 ASM ⁷ | (NA) | (NA) | 20 035.5 | 152 765.6 | 14 357.8 | 28 599.8 | 93 459.6 | 304 440.7 | 642 635.8 | 22 291.2 | 81.0 |
| 1968 ASM ⁷ | (NA) | (NA) | 19 527.6 | 141 822.7 | 14 041.2 | 28 156.8 | 87 480.9 | 285 058.9 | 603 220.1 | 20 613.1 | 77.6 |
| 1967 Census | 311 140 | 110 256 | 19 323.2 | 132 208.4 | 13 955.3 | 27 837.6 | 81 393.6 | 261 983.8 | 557 397.8 | 21 503.0 | 72.9 |
| 1966 ASM ⁷ | (NA) | (NA) | 19 024.5 | 125 350.0 | 13 826.5 | 28 102.5 | 78 256.4 | 250 880.1 | 538 736.9 | 20 235.8 | 72.1 |
| 1965 ASM ⁷ | (NA) | (NA) | 18 010.2 | 113 972.2 | 13 076.0 | 26 567.8 | 71 361.5 | 226 939.9 | 492 005.7 | 16 615.0 | 64.9 |
| 1964 ASM ⁷ | (NA) | (NA) | 17 268.5 | 106 403.3 | 12 403.3 | 25 245.5 | 65 838.9 | 206 193.6 | 447 985.1 | 13 294.3 | 59.1 |
| 1963 ASM ⁷ | 311 931 | 102 296 | 16 958.4 | 99 898.8 | 12 232.0 | 24 509.4 | 62 093.6 | 192 082.9 | 420 528.1 | 11 370.0 | 55.3 |
| 1962 Census | (NA) | (NA) | 16 765.6 | 94 291.2 | 12 126.5 | 24 269.5 | 59 134.1 | 179 071.1 | 399 308.9 | 10 436.2 | 52.2 |
| 1961 ASM ⁷ | (NA) | (NA) | 16 331.2 | 88 127.8 | 11 778.5 | 23 289.4 | 54 764.6 | 164 281.1 | 369 994.3 | 9 779.8 | 47.8 |
| 1960 ASM ⁷ | (NA) | (NA) | 16 762.7 | 88 087.1 | 12 209.5 | 24 174.4 | 55 555.5 | 163 998.5 | (NA) | 10 097.8 | 47.7 |
| 1959 ASM ⁷ | (NA) | (NA) | 16 662.2 | 85 642.0 | 12 272.6 | 24 443.6 | 54 714.1 | 161 535.8 | (NA) | 9 140.0 | 46.8 |
| 1958 Census ⁸ | 303 303 | 95 310 | 16 025.2 | 78 348.9 | 11 681.1 | 22 679.2 | 49 605.2 | 141 540.6 | 326 722.8 | 9 543.5 | 41.6 |
| 1957 ASM ⁷ | (NA) | (NA) | 17 104.7 | 79 354.0 | 12 828.9 | 25 208.0 | 52 569.0 | 147 838.4 | (NA) | 12 144.0 | 44.6 |
| 1956 ASM ⁷ | (NA) | (NA) | 17 178.3 | 77 059.0 | 13 131.3 | 26 088.5 | 52 040.8 | 144 909.3 | (NA) | 11 233.2 | 44.1 |
| 1955 ASM ⁷ | (NA) | (NA) | 16 818.5 | 72 126.0 | 12 954.4 | 25 898.3 | 49 217.9 | 135 022.5 | (NA) | 8 233.1 | 42.5 |
| 1954 Census ⁸ | (NA) | (NA) | 16 125.6 | 65 977.0 | 12 372.0 | 24 334.1 | 44 590.5 | 117 032.3 | (NA) | 8 200.7 | 37.6 |
| 1953 ASM ⁷ | (NA) | (NA) | 17 093.0 | 68 590.4 | 13 500.9 | 27 065.6 | 48 979.1 | 121 659.1 | (NA) | 8 047.9 | 40.3 |
| 1952 ASM ⁷ | (NA) | (NA) | 16 061.0 | 61 140.6 | 12 706.0 | 25 617.6 | 43 763.6 | 109 162.1 | (NA) | 7 883.4 | 36.9 |
| 1951 ASM ⁷ | (NA) | (NA) | 15 638.0 | 56 283.8 | 12 508.9 | 25 263.8 | 40 654.8 | 102 085.8 | (NA) | 7 781.7 | 35.4 |
| 1950 ASM ⁷ | (NA) | (NA) | 14 769.9 | 47 892.9 | 11 778.8 | 23 716.5 | 34 600.0 | 89 749.8 | (NA) | 5 041.3 | 32.8 |
| 1949 ASM ⁷ | (NA) | (NA) | 13 880.1 | 42 752.0 | 11 016.3 | 21 769.7 | 30 254.0 | 75 366.5 | (NA) | 5 066.9 | 28.2 |
| 1947 Census | 240 807 | (NA) | 14 294.0 | 39 695.6 | 11 917.9 | 24 316.5 | 30 244.0 | 74 290.5 | (NA) | 5 998.1 | 28.7 |
| 1939 Census ^{8, 9} | 173 802 | (NA) | ¹⁰ 9 527.3 | ¹⁰ 7 808.2 | 7 808.2 | (NA) | 8 997.5 | 24 487.3 | (NA) | (NA) | 15.7 |
| 1937 Census | 166 794 | (NA) | 9 786.4 | 12 829.7 | 8 569.2 | (NA) | 10 112.9 | 25 173.5 | (NA) | (NA) | (NA) |
| 1935 Census ⁸ | 167 916 | (NA) | 8 262.3 | 9 564.8 | 7 203.8 | (NA) | 7 311.3 | 18 552.6 | (NA) | (NA) | (NA) |
| 1933 Census | 139 325 | (NA) | 6 557.9 | ¹¹ 6 237.8 | 5 787.6 | (NA) | 4 940.1 | 14 007.5 | (NA) | (NA) | 10.2 |
| 1931 Census | 171 450 | (NA) | (NA) | (NA) | 6 163.1 | (NA) | 6 688.5 | 18 600.5 | (NA) | (NA) | (NA) |
| 1929 Census | 206 663 | (NA) | 9 659.7 | 14 284.3 | 8 369.7 | (NA) | 10 884.9 | 30 591.4 | (NA) | (NA) | (NA) |
| 1927 Census | 187 629 | (NA) | 9 072.1 | 13 123.1 | 7 848.1 | (NA) | 10 099.5 | 26 325.4 | (NA) | (NA) | 15.6 |
| 1925 Census | 183 877 | (NA) | 9 142.4 | 12 957.7 | 7 871.4 | (NA) | 9 979.6 | 25 667.6 | (NA) | (NA) | (NA) |
| 1923 Census | 192 096 | (NA) | 9 474.7 | 12 996.5 | 8 194.2 | (NA) | 10 148.6 | 24 569.5 | (NA) | (NA) | (NA) |
| 1921 Census | 192 059 | (NA) | 7 557.4 | 9 870.2 | 6 475.5 | (NA) | 7 451.3 | 17 252.8 | (NA) | (NA) | (NA) |
| 1919 Census | 270 231 | (NA) | 9 836.8 | 12 426.9 | 8 464.9 | (NA) | 9 664.0 | 23 841.6 | (NA) | (NA) | (NA) |
| 1914 Census | 268 436 | (NA) | 7 514.2 | 5 016.0 | 6 002.3 | (NA) | 3 782.3 | 9 385.6 | (NA) | (NA) | (NA) |
| 1909 Census | 264 810 | (NA) | 7 021.1 | 4 105.5 | 6 261.7 | (NA) | 3 205.2 | 8 160.1 | (NA) | (NA) | (NA) |
| 1904 Census | 213 444 | (NA) | 5 674.9 | 2 990.9 | 5 181.7 | (NA) | 2 440.9 | 6 019.2 | (NA) | (NA) | (NA) |
| 1899 Census | 204 754 | (NA) | 4 850.0 | 2 258.7 | 4 501.9 | (NA) | 1 892.6 | 4 647.0 | (NA) | (NA) | (NA) |
| 1899 Census ¹² | 509 490 | (NA) | 5 478.3 | 2 595.6 | 5 097.6 | (NA) | 2 206.5 | 5 474.9 | (NA) | (NA) | (NA) |
| 1889 Census | 353 864 | (NA) | 4 586.5 | 2 209.1 | 4 129.4 | (NA) | 1 820.9 | 4 120.3 | (NA) | (NA) | (NA) |
| 1879 Census | 253 852 | (NA) | (NA) | (NA) | 2 732.6 | (NA) | 948.0 | 1 972.8 | (NA) | (NA) | (NA) |
| 1869 Census | 252 148 | (NA) | (NA) | (NA) | 2 054.0 | (NA) | 620.5 | 1 395.1 | (NA) | (NA) | (NA) |
| 1859 Census | 140 433 | (NA) | (NA) | (NA) | 1 311.2 | (NA) | 378.9 | 854.3 | (NA) | (NA) | (NA) |
| 1849 Census | 123 025 | (NA) | (NA) | (NA) | 957.1 | (NA) | 236.8 | 464.0 | (NA) | (NA) | (NA) |

¹Includes establishments with payroll at any time during year.

²Figures for 1939 to 1982 include data for employees at manufacturing establishments who were engaged in distribution and in construction work. The extent to which data for such employees were included in figures for earlier years is not known. In addition to employment and payroll for operating manufacturing establishments, manufacturing companies reported separately for auxiliary units (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.) that service the manufacturing establishment(s) of a company. These data are included in total employment, payroll, and establishment figures for the years 1949 to 1982.

³Method of compiling figures varied, as follows: All employees: For 1955 to 1982, figures represent an average of the number of production workers for the payroll period ended nearest the 12th of March, May, August, and November, plus all other employees for the payroll period ended nearest the 12th of March; for 1949 to 1954, they represent an average of all employees for the payroll period ended nearest the 12th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: For 1949 to 1982, figures are based on employment for the payroll period ended nearest the 12th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

⁴Beginning in 1982, all respondents were requested to report their inventories at cost or market prior to adjustment to LIFO cost. This is a change from prior years in which respondents were permitted to value their inventories using any generally accepted accounting method. Consequently, 1982 data for value added are not comparable to prior years. For the period 1954 to 1982, value added by manufacture represents adjusted value added, for earlier years, unadjusted value added. Unadjusted value added is obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) the net change in finished goods and work-in-process between the beginning- and end-of-year inventories. For 1849 to 1933, cost of contract work was not subtracted from value of shipments in calculating value added by manufacture.

⁵Figures for 1951 to 1982 include expenditures for plants under construction and not yet in operation. This information was not collected prior to 1951.

⁶Source: Board of Governors, Federal Reserve System.

⁷These figures represent estimates based on a representative sample of establishments canvassed annually and may differ from the results of a complete canvass of all establishments. ASM publication shows percentage standard errors.

⁸Data for the years 1958 forward and years prior to 1939 include establishments classified in Industry 3273, Ready-Mixed Concrete, and establishments classified in Industry 3599, Machinery, Except Electrical, N.E.C., that were engaged exclusively or almost exclusively in machine shop repair work. The data for such establishments were excluded between 1939 and 1957. Data for establishments engaged in the processing and distribution of fluid milk, Industry Group 202, Dairy Products, and Industry 2411, Logging Camps and Logging Contractors, are excluded prior to 1954. Figures for 1935 forward exclude data for railroad repair shops and manufactured gas.

⁹The figures for 1939, but not for earlier years, have been revised on the basis of retabulation of the returns to exclude data for establishments classified as manufacturing in 1939 and prior years but classified as nonmanufacturing beginning with 1947. Value added by manufacture for 1939, prior to revision and on a basis comparable with 1937 and previous years, was \$24.7 billion.

¹⁰The 1939 figures for all employees were revised on the basis of estimates rather than by retabulation of the 1939 reports. The estimates were made in the following manner: For the number of employees, by multiplying the retabulated figure for number of production workers by the ratio of all employees to production workers computed from the unrevised 1939 statistics; for salaries and wages, by multiplying the retabulated wage figure by the ratio for salaries and wages also derived from the unrevised 1939 statistics.

¹¹Excludes data for salaried officers of corporations and their salaries and, therefore, not strictly comparable with figures for other years.

¹²Figures for 1899 and earlier years represent hand and neighborhood manufacturing operations.

Table 2. Operating Ratios for All Manufacturing Establishments Including Auxiliaries: 1982 and Earlier Years

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| Year | Payroll per employee (dollars) | Assets per employee (dollars) | Production workers as percent of total employment (percent) | Annual hours of production workers (number) | Average hourly earnings of production workers (dollars) | Cost of materials as percent of value of shipments (percent) | Cost of materials and payroll as percent of value of shipments (percent) | Assets as percent of shipments (percent) | Value added per employee (dollars) | Payroll as percent of value added (percent) | Value added per production-worker hour (dollars) |
|-------------|--------------------------------|-------------------------------|---|---|---|--|--|--|------------------------------------|---|--|
| 1982 Census | 19 882 | 36 178 | 65 | 1 898 | 8.70 | 58 | 77 | 35 | 43 161 | 46 | 35.01 |
| 1981 ASM | 18 714 | 31 112 | 67 | 1 937 | 8.09 | 59 | 78 | 31 | 41 144 | 45 | 31.93 |
| 1980 ASM | 16 972 | 27 784 | 67 | 1 924 | 7.41 | 59 | 78 | 31 | 37 479 | 45 | 28.93 |
| 1979 ASM | 15 631 | 24 836 | 69 | 1 931 | 6.81 | 58 | 77 | 30 | 35 526 | 44 | 26.39 |
| 1978 ASM | 14 578 | 23 356 | 69 | 1 945 | 6.37 | 58 | 77 | 31 | 32 066 | 45 | 23.75 |
| 1977 Census | 13 477 | 22 406 | 70 | 1 949 | 5.89 | 58 | 77 | 32 | 29 871 | 45 | 21.93 |
| 1976 ASM | 12 445 | 21 423 | 70 | 1 943 | 5.43 | 57 | 77 | 34 | 27 274 | 46 | 20.17 |
| 1975 ASM | 11 448 | 20 075 | 69 | 1 915 | 5.04 | 57 | 78 | 35 | 24 177 | 47 | 18.38 |
| 1974 ASM | 10 497 | 17 131 | 70 | 1 957 | 4.59 | 57 | 78 | 33 | 22 802 | 46 | 16.60 |
| 1973 ASM | 9 716 | 15 889 | 72 | 1 974 | 4.21 | 55 | 77 | 36 | 20 383 | 48 | 14.44 |
| 1972 Census | 9 155 | 15 799 | 71 | 1 974 | 3.95 | 54 | 77 | 40 | 18 603 | 49 | 13.26 |
| 1971 ASM | 8 506 | 15 107 | 70 | 1 962 | 3.69 | 53 | 76 | 41 | 17 107 | 50 | 12.43 |
| 1970 ASM | 7 966 | 13 910 | 70 | 1 971 | 3.43 | 53 | 78 | 42 | 15 623 | 51 | 11.26 |
| 1969 ASM | 7 625 | 12 440 | 72 | 1 992 | 3.27 | 53 | 77 | 39 | 15 195 | 50 | 10.64 |
| 1968 ASM | 7 263 | 11 869 | 72 | 2 005 | 3.11 | 53 | 77 | 38 | 14 598 | 50 | 10.12 |
| 1967 Census | 6 842 | 11 286 | 72 | 1 995 | 2.92 | 54 | 77 | 39 | 13 558 | 50 | 9.41 |
| 1966 ASM | 6 589 | (NA) | 73 | 2 033 | 2.78 | 55 | 78 | (NA) | 13 188 | 50 | 8.93 |
| 1965 ASM | 6 328 | (NA) | 73 | 2 032 | 2.68 | 55 | 78 | (NA) | 12 601 | 50 | 8.54 |
| 1964 ASM | 6 162 | 9 726 | 72 | 2 035 | 2.61 | 54 | 78 | 37 | 11 940 | 52 | 8.17 |
| 1963 ASM | 5 890 | 9 294 | 72 | 2 004 | 2.53 | 55 | 78 | 37 | 11 325 | 52 | 7.84 |
| 1962 Census | 5 624 | 8 890 | 72 | 2 001 | 2.44 | 55 | 79 | 37 | 10 681 | 53 | 7.38 |
| 1961 ASM | 5 396 | (NA) | 72 | 1 977 | 2.35 | 56 | 80 | (NA) | 10 059 | 54 | 7.05 |
| 1960 ASM | 5 255 | (NA) | 73 | 1 980 | 2.30 | (NA) | (NA) | (NA) | 9 784 | 54 | 6.78 |
| 1959 ASM | 5 140 | (NA) | 74 | 1 992 | 2.24 | (NA) | (NA) | (NA) | 9 695 | 53 | 6.61 |
| 1958 Census | 4 889 | (NA) | 73 | 1 942 | 2.19 | (NA) | (NA) | (NA) | 8 832 | 55 | 6.24 |
| 1957 ASM | 4 639 | 6 460 | 75 | 1 963 | 2.09 | (NA) | (NA) | (NA) | 8 643 | 54 | 5.86 |
| 1956 ASM | 4 486 | (NA) | 76 | 1 987 | 1.99 | (NA) | (NA) | (NA) | 8 436 | 53 | 5.55 |
| 1955 ASM | 4 288 | (NA) | 77 | 1 999 | 1.90 | (NA) | (NA) | (NA) | 8 028 | 53 | 5.21 |
| 1954 Census | 4 091 | (NA) | 77 | 1 967 | 1.83 | (NA) | (NA) | (NA) | 7 258 | 56 | 4.81 |
| 1953 ASM | 4 013 | (NA) | 79 | 2 005 | 1.81 | (NA) | (NA) | (NA) | 7 117 | 56 | 4.49 |
| 1952 ASM | 3 807 | (NA) | 79 | 2 016 | 1.71 | (NA) | (NA) | (NA) | 6 797 | 56 | 4.26 |
| 1951 ASM | 3 586 | (NA) | 80 | 2 020 | 1.61 | (NA) | (NA) | (NA) | 6 539 | 55 | 4.04 |
| 1950 ASM | 3 243 | (NA) | 80 | 2 013 | 1.46 | (NA) | (NA) | (NA) | 6 077 | 53 | 3.78 |
| 1949 ASM | 3 080 | (NA) | 79 | 1 976 | 1.39 | (NA) | (NA) | (NA) | 5 430 | 57 | 3.46 |
| 1947 Census | 2 777 | (NA) | 83 | 2 040 | 1.24 | (NA) | (NA) | (NA) | 5 197 | 53 | 3.06 |
| 1939 Census | 1 334 | (NA) | 82 | (NA) | (NA) | (NA) | (NA) | (NA) | 2 570 | 52 | (NA) |
| 1937 Census | 1 311 | (NA) | 88 | (NA) | (NA) | (NA) | (NA) | (NA) | 2 572 | 51 | (NA) |
| 1935 Census | 1 158 | (NA) | 87 | (NA) | (NA) | (NA) | (NA) | (NA) | 2 245 | 52 | (NA) |
| 1933 Census | 951 | (NA) | 88 | (NA) | (NA) | (NA) | (NA) | (NA) | 2 136 | 45 | (NA) |
| 1931 Census | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 1929 Census | 1 479 | (NA) | 87 | (NA) | (NA) | (NA) | (NA) | (NA) | 3 167 | 47 | (NA) |
| 1927 Census | 1 447 | (NA) | 87 | (NA) | (NA) | (NA) | (NA) | (NA) | 2 902 | 50 | (NA) |
| 1925 Census | 1 417 | (NA) | 86 | (NA) | (NA) | (NA) | (NA) | (NA) | 2 808 | 50 | (NA) |
| 1923 Census | 1 372 | (NA) | 86 | (NA) | (NA) | (NA) | (NA) | (NA) | 2 593 | 53 | (NA) |
| 1921 Census | 1 306 | (NA) | 86 | (NA) | (NA) | (NA) | (NA) | (NA) | 2 283 | 57 | (NA) |
| 1919 Census | 1 263 | (NA) | 86 | (NA) | (NA) | (NA) | (NA) | (NA) | 2 424 | 52 | (NA) |
| 1914 Census | 668 | (NA) | 88 | (NA) | (NA) | (NA) | (NA) | (NA) | 1 249 | 53 | (NA) |
| 1909 Census | 585 | (NA) | 89 | (NA) | (NA) | (NA) | (NA) | (NA) | 1 162 | 50 | (NA) |
| 1904 Census | 527 | (NA) | 91 | (NA) | (NA) | (NA) | (NA) | (NA) | 1 061 | 50 | (NA) |
| 1899 Census | 466 | (NA) | 93 | (NA) | (NA) | (NA) | (NA) | (NA) | 958 | 49 | (NA) |
| 1899 Census | 474 | (NA) | 93 | (NA) | (NA) | (NA) | (NA) | (NA) | 999 | 47 | (NA) |
| 1889 Census | 482 | (NA) | 90 | (NA) | (NA) | (NA) | (NA) | (NA) | 894 | 54 | (NA) |
| 1879 Census | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 1869 Census | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 1859 Census | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 1849 Census | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |

Note: For qualifications of data, see footnotes on table 1.

Table 3. Selected Statistics by Industry Group and Industry: 1982 and 1977

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the industry reports previously published.]

| SIC code | Industry group and industry | 1982 | | | | | | | | | |
|----------|---|------------------------------------|-------------------|---|-------------------|---------------------------------|--------------------|---------------------|-------------------------------|--|--|
| | | All establishments ² | | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Value of shipments ⁴ (million dollars) |
| | | Companies ¹ (number) | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | |
| | All Industries | 298 429 | 358 061 | 123 163 | 19 094.1 | 379 626.5 | 12 400.6 | 23 538.3 | 204 787.2 | 824 117.7 | 1 960 205.8 |
| 20 | Food and kindred products | 16 813 | 22 130 | 10 681 | 1 487.7 | 26 087.5 | 1 046.8 | 2 033.4 | 16 439.5 | 88 419.1 | 280 529.3 |
| 201 | Meat products..... | (NA) | 3 623 | 1 682 | 317.7 | 4 992.7 | 264.5 | 518.0 | 3 857.4 | 11 002.3 | 67 602.2 |
| 2011 | Meat packing plants | 1 658 | 1 780 | 668 | 134.4 | 2 549.3 | 108.5 | 220.2 | 1 995.9 | 5 824.6 | 44 853.6 |
| 2013 | Sausages and other prepared meats | 1 193 | 1 311 | 613 | 65.5 | 1 206.2 | 49.8 | 98.1 | 851.7 | 2 900.9 | 12 277.5 |
| 2016 | Poultry dressing plants | 231 | 375 | 302 | 104.4 | 1 079.6 | 94.5 | 176.7 | 886.0 | 1 880.0 | 9 044.6 |
| 2017 | Poultry and egg processing | 136 | 157 | 99 | 13.3 | 157.5 | 11.7 | 22.9 | 123.9 | 396.8 | 1 426.5 |
| 202 | Dairy products | (NA) | 2 724 | 1 449 | 139.9 | 2 553.1 | 82.8 | 166.9 | 1 420.0 | 8 359.8 | 38 771.3 |
| 2021 | Creamery butter | 61 | 74 | 35 | 2.2 | 40.2 | 1.7 | 3.5 | 28.5 | 135.6 | 1 686.8 |
| 2022 | Cheese, natural and processed | 575 | 704 | 319 | 29.6 | 472.1 | 24.1 | 47.4 | 363.3 | 1 777.3 | 10 762.8 |
| 2023 | Condensed and evaporated milk | 132 | 204 | 125 | 12.2 | 258.7 | 8.6 | 18.4 | 167.4 | 1 447.6 | 4 730.7 |
| 2024 | Ice cream and frozen desserts | 482 | 552 | 219 | 17.8 | 313.5 | 11.1 | 20.9 | 177.3 | 910.4 | 2 855.1 |
| 2026 | Fluid milk | 853 | 1 190 | 751 | 78.2 | 1 468.7 | 37.4 | 76.8 | 683.6 | 4 088.9 | 18 736.0 |
| 203 | Preserved fruits and vegetables | (NA) | 2 093 | 1 229 | 219.6 | 3 315.1 | 182.4 | 343.2 | 2 472.1 | 12 353.4 | 29 873.9 |
| 2032 | Canned specialties | 171 | 198 | 88 | 23.4 | 392.4 | 19.0 | 37.0 | 297.6 | 1 769.3 | 4 140.8 |
| 2033 | Canned fruits and vegetables | 514 | 715 | 451 | 70.5 | 1 040.1 | 60.7 | 113.6 | 822.4 | 3 552.7 | 9 283.4 |
| 2034 | Dehydrated fruits, vegetables, and soups | 119 | 151 | 85 | 13.6 | 216.9 | 11.2 | 19.1 | 156.2 | 792.3 | 1 745.1 |
| 2035 | Pickles, sauces, and salad dressings | 325 | 376 | 155 | 22.0 | 371.5 | 17.4 | 33.3 | 260.8 | 1 736.9 | 4 268.8 |
| 2037 | Frozen fruits and vegetables | 195 | 264 | 199 | 47.7 | 643.5 | 41.5 | 77.1 | 506.7 | 2 408.6 | 5 374.6 |
| 2038 | Frozen specialties | 318 | 389 | 251 | 42.4 | 650.7 | 32.6 | 63.1 | 428.5 | 2 093.5 | 5 061.3 |
| 204 | Grain mill products | (NA) | 2 745 | 1 063 | 107.5 | 2 197.0 | 74.6 | 152.6 | 1 442.0 | 10 333.1 | 31 386.4 |
| 2041 | Flour and other grain mill products | 251 | 360 | 174 | 15.1 | 210.0 | 11.4 | 24.2 | 233.3 | 1 094.3 | 4 932.8 |
| 2043 | Cereal breakfast foods | 32 | 52 | 37 | 15.6 | 435.0 | 12.8 | 25.5 | 340.0 | 2 622.8 | 4 131.9 |
| 2044 | Rice milling | 49 | 68 | 44 | 5.6 | 95.5 | 4.4 | 9.1 | 64.0 | 379.6 | 1 933.9 |
| 2045 | Blended and prepared flour | 91 | 111 | 55 | 6.8 | 131.2 | 4.8 | 9.0 | 81.0 | 609.2 | 1 419.1 |
| 2046 | Wet corn milling | 25 | 42 | 27 | 9.5 | 254.7 | 6.7 | 13.8 | 170.6 | 1 157.4 | 3 268.4 |
| 2047 | Dog, cat, and other pet food | 222 | 285 | 142 | 17.4 | 340.2 | 12.8 | 25.7 | 225.6 | 2 281.4 | 4 402.2 |
| 2048 | Prepared feeds, n.e.c. | 1 245 | 1 827 | 584 | 37.5 | 617.4 | 21.7 | 45.2 | 327.5 | 2 188.4 | 11 298.1 |
| 205 | Bakery products | (NA) | 2 663 | 1 261 | 216.5 | 4 050.7 | 124.0 | 241.3 | 2 084.8 | 10 650.4 | 17 808.2 |
| 2051 | Bread, cake, and related products | 1 869 | 2 305 | 1 074 | 170.9 | 3 254.3 | 89.0 | 174.5 | 1 522.3 | 7 861.1 | 13 143.3 |
| 2052 | Cookies and crackers | 296 | 358 | 187 | 45.6 | 796.5 | 35.0 | 66.8 | 562.5 | 2 789.3 | 4 664.9 |
| 206 | Sugar and confectionery products | (NA) | 1 033 | 506 | 95.7 | 1 660.6 | 77.0 | 150.2 | 1 196.5 | 6 234.0 | 15 575.8 |
| 2061 | Raw cane sugar | 43 | 51 | 44 | 7.5 | 133.8 | 5.8 | 13.1 | 100.5 | 297.7 | 1 113.9 |
| 2062 | Cane sugar refining | 19 | 30 | 25 | 8.3 | 197.2 | 6.2 | 12.8 | 139.5 | 622.4 | 3 040.3 |
| 2063 | Beet sugar | 14 | 48 | 44 | 10.3 | 169.4 | 8.8 | 17.3 | 136.4 | 432.2 | 1 515.8 |
| 2065 | Confectionery products | 718 | 804 | 350 | 54.2 | 857.6 | 44.0 | 83.0 | 603.2 | 3 276.1 | 6 773.1 |
| 2066 | Chocolate and cocoa products | 77 | 86 | 29 | 10.1 | 205.7 | 7.9 | 16.2 | 146.4 | 1 006.7 | 2 217.4 |
| 2067 | Chewing gum | 9 | 14 | 14 | 5.4 | 96.9 | 4.3 | 7.9 | 70.4 | 598.9 | 915.3 |
| 207 | Fats and oils | (NA) | 724 | 432 | 38.7 | 774.3 | 27.4 | 58.0 | 494.0 | 2 785.4 | 16 751.8 |
| 2074 | Cottonseed oil mills | 47 | 77 | 59 | 5.2 | 76.2 | 4.3 | 9.7 | 54.5 | 202.9 | 933.3 |
| 2075 | Soybean oil mills | 52 | 114 | 84 | 8.9 | 188.7 | 6.2 | 13.4 | 123.1 | 678.2 | 8 603.6 |
| 2076 | Vegetable oil mills, n.e.c. | 26 | 29 | 15 | 1.3 | 22.3 | 9 | 1.8 | 14.8 | 80.0 | 556.9 |
| 2077 | Animal and marine fats and oils | 270 | 386 | 189 | 10.8 | 215.1 | 7.2 | 15.5 | 127.8 | 562.6 | 1 752.5 |
| 2079 | Shortening and cooking oils | 79 | 118 | 85 | 12.5 | 272.0 | 8.7 | 17.6 | 173.8 | 1 261.7 | 4 905.6 |
| 208 | Beverages | (NA) | 2 584 | 1 501 | 194.1 | 4 244.1 | 95.3 | 189.5 | 2 000.9 | 16 683.6 | 38 800.7 |
| 2082 | Malt beverages | 67 | 109 | 73 | 43.0 | 1 307.9 | 29.5 | 57.5 | 883.5 | 4 534.8 | 11 183.2 |
| 2083 | Malt | 24 | 36 | 25 | 1.7 | 42.9 | 1.3 | 2.7 | 31.9 | 166.2 | 661.5 |
| 2084 | Wines, brandy, and brandy spirits | 324 | 366 | 103 | 11.8 | 245.8 | 6.8 | 12.8 | 125.4 | 996.7 | 2 785.7 |
| 2085 | Distilled liquor, except brandy | 71 | 104 | 75 | 12.2 | 263.8 | 8.9 | 18.0 | 182.7 | 1 480.1 | 3 126.1 |
| 2086 | Bottled and canned soft drinks | 1 236 | 1 626 | 1 094 | 113.8 | 2 146.4 | 42.4 | 85.2 | 668.3 | 6 856.1 | 16 807.5 |
| 2087 | Flavoring extracts and syrups, n.e.c. | 297 | 343 | 131 | 11.6 | 237.3 | 6.5 | 13.3 | 109.1 | 2 669.8 | 4 236.8 |
| 209 | Miscellaneous foods and kindred products | (NA) | 3 941 | 1 558 | 158.0 | 2 299.8 | 118.8 | 213.8 | 1 471.9 | 10 017.2 | 23 959.0 |
| 2091 | Canned and cured seafoods | 170 | 204 | 107 | 13.9 | 194.9 | 12.1 | 21.1 | 150.6 | 613.4 | 1 849.1 |
| 2092 | Fresh or frozen packaged fish | 697 | 783 | 433 | 37.5 | 408.6 | 32.5 | 55.5 | 303.8 | 966.7 | 4 009.1 |
| 2095 | Roasted coffee | 118 | 152 | 85 | 11.8 | 265.7 | 7.4 | 15.0 | 157.1 | 2 070.3 | 5 826.9 |
| 2097 | Manufactured ice | 530 | 596 | 64 | 5.0 | 65.1 | 3.0 | 5.5 | 35.9 | 152.6 | 229.5 |
| 2098 | Macaroni and spaghetti | 208 | 230 | 79 | 8.4 | 145.0 | 6.0 | 11.9 | 88.7 | 550.9 | 1 065.0 |
| 2099 | Food preparations, n.e.c. | 1 746 | 1 976 | 790 | 81.4 | 1 220.6 | 57.9 | 104.8 | 735.9 | 5 663.3 | 10 979.3 |
| 21 | Tobacco products | 100 | 163 | 107 | 57.9 | 1 323.5 | 45.3 | 83.7 | 957.1 | 8 964.8 | 16 061.4 |
| 2111 | Cigarettes | 8 | 14 | 13 | 41.5 | 1 093.7 | 32.2 | 58.5 | 801.0 | 8 098.3 | 12 126.8 |
| 2121 | Cigars | 54 | 60 | 30 | 5.1 | 58.5 | 4.5 | 8.5 | 45.4 | 133.3 | 253.7 |
| 2131 | Chewing and smoking tobacco | 22 | 29 | 18 | 3.1 | 51.6 | 2.4 | 4.4 | 37.4 | 420.5 | 665.4 |
| 2141 | Tobacco stemming and redrying | 34 | 60 | 46 | 8.3 | 119.8 | 6.2 | 12.3 | 73.3 | 312.6 | 3 015.4 |
| 22 | Textile mill products | 5 376 | 6 630 | 3 663 | 717.4 | 9 046.1 | 615.5 | 1 158.9 | 6 936.2 | 18 550.2 | 47 515.4 |
| 2211 | Weaving mills, cotton | 209 | 269 | 143 | 76.9 | 964.6 | 69.2 | 127.0 | 818.2 | 1 637.5 | 3 972.0 |
| 2221 | Weaving mills, manmade fiber and silk | 342 | 523 | 363 | 140.8 | 1 815.2 | 123.0 | 230.5 | 1 446.6 | 3 488.6 | 8 191.2 |
| 2231 | Weaving and finishing mills, wool | 115 | 131 | 71 | 13.1 | 175.8 | 11.3 | 22.8 | 136.5 | 349.4 | 762.8 |
| 2241 | Narrow fabric mills | 241 | 281 | 161 | 17.5 | 215.5 | 15.2 | 28.5 | 158.9 | 464.7 | 851.8 |
| 225 | Knitting mills | (NA) | 2 334 | 1 302 | 204.8 | 2 327.2 | 174.8 | 323.5 | 1 753.1 | 4 985.4 | 10 986.1 |
| 2251 | Women's hosiery, except socks | 180 | 206 | 117 | 30.2 | 311.1 | 26.7 | 49.6 | 241.5 | 777.4 | 1 411.3 |
| 2252 | Hosiery, n.e.c. | 376 | 420 | 263 | 32.6 | 326.5 | 28.8 | 51.2 | 258.1 | 617.3 | 1 443.4 |
| 2253 | Knit outerwear mills | 896 | 923 | 482 | 66.8 | 741.4 | 55.9 | 102.0 | 539.8 | 1 704.8 | 3 182.4 |
| 2254 | Knit underwear mills | 72 | 84 | 61 | 22.3 | 232.3 | 20.0 | 35.3 | 191.7 | 446.2 | 829.9 |
| 2257 | Circular knit fabric mills | 384 | 422 | 222 | 31.1 | 420.9 | 25.7 | 50.9 | 309.1 | 850.4 | 2 538.8 |
| 2258 | Warp knit fabric mills | 61 | 207 | 128 | 19.0 | 261.1 | 15.2 | 29.7 | 187.2 | 533.9 | 1 465.8 |
| 2259 | Knitting mills, n.e.c. | 71 | 72 | 29 | 2.9 | 33.8 | 2.5 | 4.7 | 25.7 | 55.4 | 114.5 |
| 226 | Textile finishing, except wool | (NA) | 753 | 353 | 58.1 | 834.0 | 47.4 | 93.7 | 607.4 | 1 590.3 | 4 971.9 |
| 2261 | Finishing plants, cotton | 266 | 275 | 80 | 11.6 | 161.8 | 9.6 | 18.2 | 121.2 | 256.1 | 753.8 |
| 2262 | Finishing plants, manmade | 265 | 296 | 166 | 34.4 | 514.8 | 27.8 | 55.7 | 375.0 | 999.0 | 3 186.2 |
| 2269 | Finishing plants, n.e.c. | 177 | 182 | 107 | 12.0 | 157.3 | 10.0 | 19.7 | 111.2 | 335.1 | 1 031.9 |

See footnotes at end of table.

These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| 1982—Con. | | | | | | | 1977 | | | | | | SIC code |
|---------------------------------------|---|---|-------------------------------------|--|----------------------------------|-----------------------|-------------------|---------------------------------|---|--|---|------|----------|
| New capital expenditures ⁵ | | | Inventories ³ | | Ratios | | All employees | | Value added by manu- facture (million dollars) | Value of shipments ⁴ (million dollars) | New capital expend- itures ⁵ (million dollars) | | |
| Total (million dollars) | Structures and additions to plant (million dollars) | Machinery and equipment (million dollars) | End of year (million dollars) | Beginning of year (million dollars) | Special- ization (percent) | Coverage (percent) | Number (1,000) | Payroll (million dollars) | | | | | |
| 74 561.6 | 14 960.5 | 59 601.0 | 307 213.3 | 319 473.2 | (NA) | (NA) | 19 590.1 | 264 013.1 | 585 165.6 | 1 358 526.4 | 47 459.0 | | |
| 6 726.9 | 1 356.3 | 5 370.6 | 23 564.2 | 23 846.5 | (NA) | (NA) | 1 520.0 | 18 543.6 | 56 062.2 | 192 911.6 | 4 214.9 | 20 | |
| 696.6 | 172.2 | 524.4 | 1 964.7 | 1 963.8 | (NA) | (NA) | 309.1 | 3 701.5 | 7 478.0 | 46 276.3 | 532.7 | 201 | |
| 290.0 | 84.1 | 205.9 | 891.6 | 880.5 | 98 | 85 | 146.2 | 2 110.6 | 4 010.1 | 31 208.2 | 236.7 | 2011 | |
| 175.5 | 42.3 | 133.2 | 632.9 | 629.1 | 97 | 61 | 65.0 | 891.9 | 2 039.0 | 8 465.4 | 151.6 | 2013 | |
| 199.5 | 41.2 | 158.3 | 359.9 | 378.8 | 99 | 90 | 86.8 | 612.3 | 1 236.9 | 5 746.1 | 126.1 | 2016 | |
| 31.6 | 4.6 | 27.0 | 80.2 | 75.4 | 97 | 26 | 11.1 | 86.8 | 192.0 | 856.6 | 18.3 | 2017 | |
| 711.3 | 137.1 | 574.2 | 1 720.7 | 1 671.2 | (NA) | (NA) | 153.9 | 1 938.9 | 5 648.3 | 26 009.8 | 389.0 | 202 | |
| 8.4 | 1.6 | 6.9 | 54.6 | 49.3 | 77 | 64 | 2.3 | 26.3 | 74.6 | 900.5 | 8.3 | 2021 | |
| 161.2 | 36.8 | 124.4 | 798.7 | 793.3 | 89 | 92 | 26.7 | 287.0 | 948.8 | 6 126.0 | 57.2 | 2022 | |
| 98.8 | 26.7 | 72.0 | 277.8 | 263.3 | 78 | 68 | 12.3 | 163.2 | 805.2 | 3 188.5 | 56.2 | 2023 | |
| 79.9 | 16.3 | 63.6 | 177.7 | 172.1 | 94 | 73 | 19.1 | 247.0 | 643.7 | 2 008.6 | 56.8 | 2024 | |
| 363.0 | 55.7 | 307.3 | 411.9 | 393.2 | 83 | 92 | 93.5 | 1 215.4 | 3 175.9 | 13 786.2 | 210.5 | 2026 | |
| 933.8 | 192.4 | 741.4 | 6 147.0 | 5 933.9 | (NA) | (NA) | 234.7 | 2 336.0 | 7 684.5 | 20 332.8 | 470.5 | 203 | |
| 154.3 | 47.7 | 106.7 | 638.4 | 666.8 | 78 | 90 | 26.4 | 296.5 | 1 142.6 | 2 829.2 | 46.7 | 2032 | |
| 264.1 | 55.1 | 209.0 | 2 781.0 | 2 672.4 | 89 | 87 | 82.6 | 789.8 | 2 542.4 | 6 662.8 | 147.1 | 2033 | |
| 51.7 | 7.5 | 44.2 | 554.8 | 517.9 | 94 | 93 | 14.4 | 153.9 | 472.6 | 1 142.4 | 52.5 | 2034 | |
| 67.5 | 10.6 | 56.9 | 582.5 | 595.7 | 68 | 83 | 23.5 | 250.2 | 986.5 | 2 996.5 | 52.3 | 2035 | |
| 235.7 | 41.6 | 194.2 | 1 144.4 | 1 053.3 | 93 | 93 | 46.8 | 425.9 | 1 322.5 | 3 297.5 | 87.7 | 2037 | |
| 160.5 | 30.0 | 130.5 | 446.0 | 427.8 | 94 | 92 | 41.0 | 419.8 | 1 217.7 | 3 404.4 | 84.1 | 2038 | |
| 884.1 | 144.0 | 740.0 | 2 202.6 | 2 373.3 | (NA) | (NA) | 112.8 | 1 575.6 | 6 625.6 | 22 344.2 | 620.0 | 204 | |
| 90.6 | 20.5 | 70.1 | 361.6 | 391.9 | 97 | 70 | 15.6 | 222.3 | 824.5 | 3 683.3 | 52.4 | 2041 | |
| 165.4 | 12.9 | 152.5 | 229.2 | 259.0 | 77 | 96 | 16.4 | 287.4 | 1 447.0 | 2 497.5 | 79.8 | 2043 | |
| 41.0 | 21.1 | 19.9 | 445.6 | 517.2 | 100 | 96 | 4.8 | 61.4 | 341.0 | 1 263.4 | 40.0 | 2044 | |
| 28.7 | 5.8 | 23.0 | 114.4 | 93.0 | 93 | 58 | 8.4 | 104.5 | 408.7 | 1 011.7 | 17.6 | 2045 | |
| 326.2 | 34.5 | 291.7 | 243.4 | 272.1 | 89 | 92 | 10.9 | 191.1 | 666.7 | 2 014.8 | 232.2 | 2046 | |
| 101.7 | 19.5 | 82.1 | 257.9 | 253.4 | 98 | 93 | 17.7 | 245.5 | 1 392.9 | 3 086.7 | 67.2 | 2047 | |
| 130.5 | 29.8 | 100.8 | 550.4 | 586.6 | 96 | 97 | 39.1 | 463.4 | 1 544.7 | 8 786.8 | 130.9 | 2048 | |
| 490.3 | 119.0 | 371.2 | 564.1 | 554.2 | (NA) | (NA) | 221.7 | 2 866.1 | 7 073.2 | 12 235.3 | 365.4 | 205 | |
| 382.4 | 92.1 | 290.4 | 305.7 | 303.8 | 97 | 98 | 178.0 | 2 335.8 | 5 377.2 | 9 274.9 | 279.9 | 2051 | |
| 107.8 | 27.0 | 80.8 | 258.4 | 250.4 | 95 | 94 | 43.8 | 530.2 | 1 695.9 | 2 960.5 | 85.6 | 2052 | |
| 470.0 | 89.7 | 380.3 | 2 526.3 | 2 595.8 | (NA) | (NA) | 105.4 | 1 206.2 | 4 150.9 | 10 839.8 | 313.0 | 206 | |
| 89.6 | 15.8 | 73.7 | 237.9 | 298.3 | 100 | 100 | 8.0 | 95.8 | 275.7 | 704.0 | 43.4 | 2061 | |
| 69.2 | 17.5 | 51.7 | 363.0 | 401.7 | 100 | 100 | 10.2 | 168.9 | 526.2 | 2 260.0 | 53.4 | 2062 | |
| 32.8 | 6.2 | 26.5 | 480.5 | 494.5 | 100 | 100 | 11.4 | 143.3 | 344.9 | 1 181.7 | 43.5 | 2063 | |
| 208.0 | 36.2 | 171.8 | 925.9 | 965.8 | 94 | 82 | 58.0 | 584.2 | 2 028.0 | 4 498.4 | 115.5 | 2065 | |
| 53.8 | 9.9 | 43.8 | 356.0 | 347.0 | 91 | 39 | 10.0 | 130.2 | 640.6 | 1 629.2 | 35.0 | 2066 | |
| 16.6 | 4.0 | 12.6 | 123.2 | 128.4 | 79 | (D) | 7.7 | 83.9 | 335.5 | 566.5 | 22.1 | 2067 | |
| 392.9 | 67.6 | 325.3 | 1 593.7 | 1 675.0 | (NA) | (NA) | 41.1 | 561.4 | 1 905.2 | 14 480.0 | 208.1 | 207 | |
| 59.6 | 7.6 | 52.0 | 191.8 | 226.4 | 94 | 97 | 5.2 | 51.5 | 197.4 | 859.2 | 13.0 | 2074 | |
| 113.4 | 32.3 | 81.1 | 883.9 | 906.8 | 88 | 95 | 9.4 | 130.7 | 373.8 | 7 580.0 | 72.3 | 2075 | |
| 66.9 | 8.3 | 58.7 | 83.8 | 87.8 | 93 | 78 | 1.5 | 17.6 | 58.4 | 360.8 | 7.4 | 2076 | |
| 56.5 | 7.7 | 48.8 | 81.2 | 86.6 | 97 | 68 | 12.4 | 171.2 | 583.8 | 1 655.0 | 53.3 | 2077 | |
| 96.5 | 11.7 | 84.8 | 353.1 | 367.4 | 85 | 77 | 12.7 | 190.5 | 691.8 | 4 025.0 | 62.1 | 2079 | |
| 1 627.9 | 332.6 | 1 295.3 | 4 429.5 | 4 612.3 | (NA) | (NA) | 195.1 | 2 849.9 | 9 900.9 | 23 329.0 | 993.9 | 208 | |
| 665.0 | 154.4 | 510.5 | 654.7 | 625.2 | 100 | 100 | 44.0 | 857.5 | 2 602.3 | 6 652.6 | 410.3 | 2082 | |
| 29.5 | 4.5 | 25.0 | 167.8 | 212.9 | 100 | (D) | 1.6 | 27.4 | 101.4 | 499.3 | 39.6 | 2083 | |
| 136.8 | 29.6 | 107.2 | 1 113.9 | 1 138.1 | 98 | 98 | 9.2 | 134.1 | 510.4 | 1 362.5 | 51.1 | 2084 | |
| 90.0 | 21.0 | 69.0 | 1 266.6 | 1 433.8 | 97 | 96 | 15.7 | 232.1 | 1 149.7 | 2 296.1 | 36.3 | 2085 | |
| 649.5 | 112.6 | 536.9 | 887.9 | 864.5 | 98 | 96 | 114.1 | 1 448.8 | 4 084.5 | 10 007.2 | 423.6 | 2086 | |
| 57.1 | 10.5 | 46.6 | 338.5 | 337.9 | 93 | 88 | 10.5 | 149.1 | 1 452.6 | 2 511.3 | 33.1 | 2087 | |
| 520.2 | 101.7 | 418.5 | 2 415.4 | 2 467.2 | (NA) | (NA) | 146.2 | 1 508.8 | 5 595.7 | 17 064.3 | 322.4 | 209 | |
| 20.5 | 3.6 | 16.8 | 495.6 | 598.8 | (D) | 91 | 16.0 | 147.0 | 441.0 | 1 440.6 | 28.1 | 2091 | |
| 62.2 | 20.3 | 41.9 | 587.3 | 547.6 | 97 | 97 | 34.3 | 260.8 | 705.5 | 2 664.9 | 56.8 | 2092 | |
| 80.5 | 5.2 | 75.3 | 413.5 | 428.8 | 94 | 99 | 10.9 | 164.8 | 988.0 | 5 616.4 | 41.9 | 2095 | |
| 13.4 | 2.4 | 11.0 | 9.4 | 7.3 | 100 | 98 | 5.3 | 47.8 | 106.1 | 149.4 | 16.9 | 2097 | |
| 48.3 | 10.5 | 37.7 | 88.3 | 88.3 | 98 | 83 | 8.2 | 96.0 | 327.0 | 662.0 | 12.6 | 2098 | |
| 295.4 | 59.6 | 235.8 | 821.4 | 796.4 | 92 | 80 | 71.5 | 792.6 | 3 028.1 | 6 531.0 | 166.2 | 2099 | |
| 697.3 | 221.4 | 475.8 | 7 186.1 | 5 904.8 | (NA) | (NA) | 60.6 | 750.7 | 4 334.1 | 9 050.6 | 181.5 | 21 | |
| 570.9 | 157.4 | 413.5 | 5 682.7 | 4 314.4 | 97 | (D) | 39.0 | 567.7 | 3 803.1 | 6 377.4 | 118.0 | 2111 | |
| 7.4 | .6 | 6.7 | 48.5 | 50.4 | (D) | 92 | 7.7 | 54.9 | 125.6 | 242.7 | 3.3 | 2121 | |
| 8.3 | 1.7 | 6.6 | 143.9 | 133.9 | (D) | 84 | 3.2 | 32.1 | 188.9 | 354.3 | 7.3 | 2131 | |
| 110.7 | 61.7 | 49.1 | 1 311.0 | 1 406.2 | (D) | (D) | 10.7 | 96.1 | 216.5 | 2 076.2 | 52.8 | 2141 | |
| 1 579.0 | 243.1 | 1 336.0 | 6 551.4 | 7 077.4 | (NA) | (NA) | 875.7 | 7 881.4 | 16 104.5 | 40 550.5 | 1 223.5 | 22 | |
| 297.9 | 62.2 | 235.7 | 699.2 | 764.9 | 84 | 54 | 117.2 | 1 046.8 | 1 944.5 | 4 431.2 | 187.2 | 2211 | |
| 385.3 | 41.2 | 344.1 | 1 142.1 | 1 278.8 | 89 | 62 | 151.0 | 1 428.7 | 2 790.9 | 6 325.9 | 260.2 | 2221 | |
| 27.7 | 1.7 | 26.0 | 150.6 | 176.4 | 88 | 75 | 14.6 | 136.6 | 312.9 | 583.3 | 14.9 | 2231 | |
| 22.3 | 2.3 | 20.0 | 137.2 | 140.1 | 95 | 97 | 20.8 | 171.6 | 350.8 | 682.9 | 16.2 | 2241 | |
| 234.6 | 36.9 | 197.6 | 1 524.5 | 1 614.6 | (NA) | (NA) | 235.9 | 1 911.0 | 3 863.0 | 9 470.0 | 245.2 | 225 | |
| 26.0 | 2.4 | 23.6 | 159.9 | 160.1 | 95 | 91 | 26.6 | 191.3 | 457.0 | 871.2 | 16.6 | 2251 | |
| 31.4 | 7.2 | 24.2 | 199.2 | 196.3 | 92 | 95 | 32.2 | 218.7 | 401.5 | 921.3 | 14.8 | 2252 | |
| 53.5 | 9.4 | 44.1 | 533.4 | 539.5 | 95 | 53 | 73.0 | 582.0 | 1 159.5 | 2 335.9 | 49.9 | 2253 | |
| 9.3 | 2.0 | 7.4 | 167.4 | 189.0 | 88 | 93 | 25.2 | 175.2 | 305.7 | 648.9 | 14.5 | 2254 | |
| 68.8 | 11.9 | 56.9 | 254.8 | 282.3 | 92 | 93 | 51.8 | 493.0 | 1 033.5 | 3 169.4 | 91.6 | 2257 | |
| 44.0 | 4.0 | 40.1 | 182.4 | 217.3 | 97 | 90 | 23.7 | 226.7 | 464.8 | 1 427.6 | 56.3 | 2258 | |
| 1.5 | .1 | 1.5 | 27.3 | 30.1 | 97 | 81 | 3.4 | 24.1 | 40.9 | 95.7 | 1.5 | 2259 | |
| 118.1 | 20.8 | 97.3 | 552.3 | 590.4 | (NA) | (NA) | 72.1 | 734.0 | 1 416.7 | 3 994.3 | 125.2 | 226 | |
| 24.0 | 5.6 | 18.4 | 84.6 | 96.3 | 85 | 40 | 20.8 | 211.4 | 350.7 | 759.5 | 24.8 | 2261 | |
| 79.0 | 14.1 | 64.9 | 359.2 | 376.7 | 82 | 66 | 37.2 | 396.2 | 792.0 | 2 404.3 | 75.9 | 2262 | |
| 15.1 | 1.1 | 14.0 | 108.5 | 117.4 | 90 | 57 | 14.1 | 132.3 | 274.0 | 830.6 | 24.6 | 2269 | |

Table 3. Selected Statistics by Industry Group and Industry: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the industry reports previously published.]

| SIC code | Industry group and industry | 1982 | | | | | | | | | Value added by manu- facture ³ (million dollars) | Value of shipments ⁴ (million dollars) |
|----------|---|------------------------------------|-------------------|---|-------------------|---------------------------------|--------------------|---------------------|-------------------------------|----------|--|--|
| | | All establishments ² | | | All employees | | Production workers | | | | | |
| | | Companies ¹ (number) | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | |
| 22 | Textile mill products—Con. | | | | | | | | | | | |
| 227 | Floor covering mills | (NA) | 505 | 243 | 41.9 | 603.1 | 32.9 | 65.0 | 396.4 | 1 711.7 | 5 807.8 | |
| 2271 | Woven carpets and rugs | 59 | 60 | 19 | 3.1 | 38.4 | 2.7 | 5.1 | 30.6 | 83.0 | 217.7 | |
| 2272 | Tufted carpets and rugs | 323 | 366 | 206 | 36.1 | 525.2 | 28.2 | 56.0 | 340.2 | 1 585.0 | 5 440.4 | |
| 2279 | Carpets and rugs, n.e.c. | 79 | 79 | 18 | 2.6 | 39.5 | 2.0 | 3.9 | 25.6 | 43.7 | 149.7 | |
| 228 | Yarn and thread mills | (NA) | 714 | 531 | 108.6 | 1 277.8 | 97.7 | 183.3 | 1 054.7 | 2 318.2 | 7 036.4 | |
| 2281 | Yarn mills, except wool | 206 | 377 | 304 | 72.6 | 850.8 | 66.4 | 124.5 | 723.7 | 1 507.5 | 4 327.6 | |
| 2282 | Throwing and winding mills | 160 | 189 | 139 | 22.8 | 273.0 | 19.8 | 37.7 | 212.3 | 527.4 | 1 944.7 | |
| 2283 | Wool yarn mills | 71 | 73 | 43 | 3.4 | 40.7 | 3.1 | 6.0 | 32.4 | 67.8 | 185.3 | |
| 2284 | Thread mills | 60 | 75 | 45 | 9.8 | 113.2 | 8.4 | 15.1 | 86.3 | 215.5 | 578.8 | |
| 229 | Miscellaneous textile goods | (NA) | 1 120 | 496 | 55.8 | 832.9 | 44.0 | 84.5 | 564.6 | 2 004.5 | 4 935.4 | |
| 2291 | Felt goods, except woven felts and hats | 40 | 45 | 22 | 3.6 | 66.3 | 2.7 | 5.2 | 40.8 | 149.6 | 249.7 | |
| 2292 | Lace goods | 63 | 65 | 24 | 2.1 | 25.3 | 1.8 | 3.3 | 20.1 | 46.5 | 72.2 | |
| 2293 | Paddings and upholstery filling | 86 | 93 | 45 | 4.4 | 59.9 | 3.6 | 7.2 | 41.6 | 129.2 | 284.4 | |
| 2294 | Processed textile waste | 97 | 102 | 43 | 3.2 | 40.4 | 2.6 | 5.0 | 27.3 | 98.2 | 296.9 | |
| 2295 | Coated fabrics, not rubberized | 188 | 198 | 114 | 11.0 | 198.5 | 8.0 | 15.7 | 120.8 | 435.2 | 1 115.0 | |
| 2296 | Tire cord and fabric | 12 | 21 | 19 | 6.5 | 90.5 | 5.6 | 9.6 | 69.7 | 289.9 | 981.5 | |
| 2297 | Nonwoven fabrics | 114 | 132 | 91 | 12.3 | 198.8 | 9.5 | 18.7 | 136.2 | 544.4 | 1 278.7 | |
| 2298 | Cordage and twine | 164 | 181 | 69 | 6.6 | 77.0 | 5.2 | 9.4 | 51.7 | 181.5 | 358.7 | |
| 2299 | Textile goods, n.e.c. | 283 | 283 | 69 | 6.1 | 76.2 | 5.1 | 10.4 | 56.4 | 130.0 | 298.2 | |
| 23 | Apparel and other textile products | 22 018 | 24 391 | 10 907 | 1 189.0 | 12 128.8 | 1 009.7 | 1 803.5 | 8 831.9 | 26 060.5 | 53 387.9 | |
| 2311 | Men's and boys' suits and coats | 443 | 529 | 344 | 75.2 | 878.2 | 65.0 | 116.9 | 658.9 | 1 683.0 | 3 061.5 | |
| 232 | Men's and boys' furnishings | (NA) | 2 544 | 1 815 | 298.9 | 2 836.6 | 258.8 | 449.9 | 2 137.5 | 6 621.2 | 12 727.1 | |
| 2321 | Men's and boys' shirts and nightwear | 535 | 741 | 559 | 88.7 | 819.0 | 76.0 | 132.9 | 614.0 | 1 785.5 | 3 477.7 | |
| 2322 | Men's and boys' underwear | 61 | 77 | 51 | 11.0 | 99.1 | 10.0 | 16.8 | 82.0 | 210.2 | 429.4 | |
| 2323 | Men's and boys' neckwear | 165 | 170 | 91 | 6.7 | 82.2 | 5.3 | 9.0 | 49.5 | 183.8 | 335.0 | |
| 2327 | Men's and boys' separate trousers | 269 | 356 | 268 | 56.9 | 564.9 | 49.4 | 87.3 | 426.9 | 1 111.2 | 2 165.4 | |
| 2328 | Men's and boys' work clothing | 305 | 554 | 460 | 91.0 | 838.7 | 79.6 | 135.4 | 642.1 | 2 399.2 | 4 661.2 | |
| 2329 | Men's and boys' clothing, n.e.c. | 575 | 646 | 386 | 44.6 | 432.8 | 38.6 | 68.5 | 323.0 | 931.3 | 1 658.3 | |
| 233 | Women's and misses' outerwear | (NA) | 10 838 | 5 103 | 418.9 | 4 110.4 | 355.8 | 640.5 | 2 928.2 | 8 576.1 | 18 224.5 | |
| 2331 | Women's and misses' blouses | 1 824 | 1 954 | 1 110 | 92.2 | 874.7 | 79.3 | 140.9 | 623.2 | 1 837.8 | 3 884.2 | |
| 2335 | Women's and misses' dresses | 5 489 | 5 627 | 2 055 | 137.9 | 1 268.3 | 120.0 | 210.7 | 960.9 | 2 413.2 | 4 623.3 | |
| 2337 | Women's and misses' suits and coats | 1 432 | 1 512 | 900 | 78.2 | 871.1 | 63.2 | 125.8 | 579.0 | 2 067.1 | 4 886.7 | |
| 2339 | Women's and misses' outerwear, n.e.c. | 1 592 | 1 745 | 1 038 | 110.7 | 1 096.3 | 93.2 | 163.1 | 765.0 | 2 257.9 | 4 830.4 | |
| 234 | Women's and children's undergarments | (NA) | 755 | 519 | 81.6 | 783.1 | 68.7 | 123.6 | 567.4 | 1 721.5 | 3 322.7 | |
| 2341 | Women's and children's underwear | 477 | 604 | 422 | 67.8 | 640.8 | 57.4 | 104.0 | 478.1 | 1 350.8 | 2 602.4 | |
| 2342 | Brassieres and allied garments | 134 | 151 | 97 | 13.8 | 142.3 | 11.3 | 19.5 | 89.3 | 370.8 | 720.3 | |
| 235 | Hats, caps, and millinery | (NA) | 419 | 172 | 15.7 | 156.8 | 13.9 | 24.4 | 117.6 | 285.3 | 522.3 | |
| 2351 | Millinery | 105 | 105 | 36 | 2.5 | 24.5 | 2.2 | 4.0 | 17.9 | 40.6 | 89.9 | |
| 2352 | Hats and caps, except millinery | 285 | 314 | 136 | 13.2 | 132.2 | 11.8 | 20.4 | 99.7 | 244.7 | 432.4 | |
| 236 | Children's outerwear | (NA) | 968 | 657 | 71.3 | 671.2 | 61.0 | 109.0 | 492.4 | 1 445.8 | 2 711.4 | |
| 2361 | Children's dresses and blouses | 490 | 556 | 391 | 37.7 | 357.3 | 32.4 | 57.5 | 259.7 | 745.9 | 1 417.7 | |
| 2363 | Children's coats and suits | 71 | 80 | 50 | 6.1 | 51.1 | 5.3 | 9.5 | 40.1 | 102.1 | 191.3 | |
| 2369 | Children's outerwear, n.e.c. | 279 | 332 | 216 | 27.6 | 262.8 | 23.3 | 42.0 | 192.6 | 597.8 | 1 102.4 | |
| 2371 | Fur goods | 503 | 504 | 43 | 3.4 | 59.6 | 2.5 | 4.5 | 41.2 | 131.6 | 419.3 | |
| 238 | Miscellaneous apparel and accessories | (NA) | 1 223 | 527 | 50.0 | 512.5 | 42.1 | 74.1 | 357.9 | 1 097.5 | 2 118.2 | |
| 2381 | Fabric dress and work gloves | 78 | 102 | 64 | 6.8 | 51.2 | 6.1 | 9.2 | 41.6 | 104.7 | 208.4 | |
| 2384 | Robes and dressing gowns | 129 | 135 | 83 | 9.3 | 88.0 | 8.1 | 14.8 | 64.4 | 193.1 | 403.6 | |
| 2385 | Waterproof outer garments | 98 | 112 | 76 | 9.3 | 101.1 | 8.0 | 13.9 | 74.5 | 246.0 | 449.2 | |
| 2386 | Leather and sheep lined clothing | 186 | 186 | 52 | 4.3 | 48.9 | 3.6 | 6.4 | 36.4 | 95.7 | 221.3 | |
| 2387 | Apparel belts | 317 | 319 | 143 | 11.7 | 137.1 | 9.2 | 17.2 | 81.5 | 305.4 | 556.5 | |
| 2389 | Apparel and accessories, n.e.c. | 362 | 369 | 109 | 8.7 | 86.2 | 7.1 | 12.6 | 59.5 | 152.7 | 279.2 | |
| 239 | Miscellaneous fabricated textile products | (NA) | 6 611 | 1 727 | 173.8 | 2 120.3 | 141.8 | 260.5 | 1 530.8 | 4 498.4 | 10 280.8 | |
| 2391 | Curtains and draperies | 1 328 | 1 371 | 254 | 24.1 | 233.7 | 19.7 | 33.8 | 170.5 | 442.1 | 1 062.0 | |
| 2392 | House furnishings, n.e.c. | 880 | 958 | 399 | 49.3 | 518.2 | 39.8 | 77.6 | 369.0 | 1 249.0 | 3 262.2 | |
| 2393 | Textile bags | 233 | 249 | 108 | 7.7 | 89.5 | 6.5 | 12.2 | 64.8 | 167.8 | 421.8 | |
| 2394 | Canvas and related products | 1 108 | 1 128 | 162 | 14.8 | 181.2 | 11.3 | 21.1 | 117.8 | 367.7 | 752.3 | |
| 2395 | Pleating and stitching | 906 | 912 | 269 | 19.8 | 204.5 | 16.4 | 29.0 | 150.3 | 452.6 | 873.1 | |
| 2396 | Automotive and apparel trimmings | 803 | 826 | 201 | 26.2 | 505.2 | 21.8 | 38.8 | 387.6 | 1 000.4 | 2 130.2 | |
| 2397 | Schiffli machine embroideries | 356 | 366 | 75 | 7.0 | 97.4 | 5.8 | 11.2 | 73.4 | 188.9 | 303.3 | |
| 2399 | Fabricated textile products, n.e.c. | 770 | 801 | 259 | 25.1 | 290.7 | 20.5 | 36.8 | 197.7 | 629.9 | 1 475.9 | |
| 24 | Lumber and wood products | 30 831 | 32 984 | 6 313 | 576.4 | 8 444.5 | 479.3 | 893.9 | 6 446.1 | 15 376.6 | 42 934.9 | |
| 2411 | Logging camps and logging contractors | 11 541 | 11 658 | 657 | 80.8 | 1 207.9 | 69.1 | 121.3 | 1 003.7 | 2 501.9 | 8 274.0 | |
| 242 | Sawmills and planing mills | (NA) | 7 403 | 1 909 | 157.7 | 2 305.9 | 136.6 | 257.3 | 1 877.1 | 3 747.9 | 11 132.4 | |
| 2421 | Sawmills and planing mills, general | 5 810 | 6 316 | 1 556 | 131.9 | 2 020.2 | 113.9 | 215.5 | 1 651.7 | 3 237.5 | 10 065.2 | |
| 2426 | Hardwood dimension and flooring | 750 | 789 | 306 | 22.9 | 252.6 | 20.1 | 37.8 | 199.3 | 445.4 | 912.6 | |
| 2429 | Special product sawmills, n.e.c. | 266 | 298 | 47 | 3.0 | 33.1 | 2.7 | 4.0 | 26.1 | 65.0 | 154.6 | |
| 243 | Millwork, plywood, and structural members | (NA) | 6 545 | 1 733 | 165.3 | 2 596.1 | 134.8 | 260.6 | 1 959.6 | 4 460.4 | 11 682.8 | |
| 2431 | Millwork | 2 192 | 2 321 | 642 | 56.8 | 895.4 | 44.7 | 83.5 | 645.6 | 1 712.6 | 4 248.3 | |
| 2434 | Wood kitchen cabinets | 2 902 | 2 964 | 489 | 43.6 | 606.9 | 34.6 | 67.1 | 442.5 | 1 144.3 | 2 060.7 | |
| 2435 | Hardwood veneer and plywood | 264 | 306 | 213 | 17.8 | 241.0 | 15.1 | 28.5 | 177.0 | 441.3 | 1 304.4 | |
| 2436 | Softwood veneer and plywood | 135 | 250 | 199 | 34.9 | 667.3 | 31.1 | 63.7 | 568.6 | 831.5 | 3 221.5 | |
| 2439 | Structural wood members, n.e.c. | 649 | 704 | 190 | 12.2 | 185.5 | 9.3 | 17.8 | 126.0 | 330.5 | 847.9 | |
| 244 | Wood containers | (NA) | 2 250 | 524 | 35.8 | 390.9 | 30.3 | 54.6 | 286.8 | 703.0 | 1 634.9 | |
| 2441 | Nailed wood boxes and shooks | 335 | 338 | 90 | 6.4 | 76.5 | 5.3 | 9.4 | 56.0 | 137.9 | 306.8 | |
| 2448 | Wood pallets and skids | 1 649 | 1 677 | 362 | 22.1 | 230.4 | 18.4 | 32.7 | 165.0 | 420.5 | 1 012.3 | |
| 2449 | Wood containers, n.e.c. | 216 | 235 | 72 | 7.4 | 84.0 | 6.5 | 12.5 | 65.9 | 144.6 | 315.8 | |

See footnotes at end of table.

These differences are due to corrections which were made for minor errors identified after the industry reports were issued

| 1982—Con. | | | | | | | 1977 | | | | | | SIC code |
|---------------------------------------|---|---|-------------------------------------|--|----------------------------------|-----------------------|-------------------|---------------------------------|---|--|---|------|----------|
| New capital expenditures ⁵ | | | Inventories ³ | | Ratios | | All employees | | Value added by manu- facture (million dollars) | Value of shipments ⁴ (million dollars) | New capital expend- itures ⁵ (million dollars) | | |
| Total (million dollars) | Structures and additions to plant (million dollars) | Machinery and equipment (million dollars) | End of year (million dollars) | Beginning of year (million dollars) | Special- ization (percent) | Coverage (percent) | Number (1,000) | Payroll (million dollars) | | | | | |
| | | | | | | | | | | | | 22 | |
| 83.9 | 18.8 | 65.1 | 799.1 | 842.0 | (NA) | (NA) | 55.8 | 556.7 | 1 530.1 | 4 774.5 | 82.5 | 227 | |
| 5.1 | 1.7 | 3.4 | 44.1 | 53.0 | (D) | (D) | 2.8 | 24.8 | 47.1 | 138.7 | 1.1 | 2271 | |
| 77.2 | 1.7 | 60.3 | 730.5 | 762.2 | 97 | 99 | 50.2 | 506.5 | 1 438.2 | 4 520.7 | 78.7 | 2272 | |
| 1.6 | .1 | 1.4 | 24.5 | 26.8 | 80 | 71 | 2.8 | 25.3 | 44.8 | 115.2 | 2.6 | 2279 | |
| 231.1 | 22.2 | 208.9 | 791.2 | 903.3 | (NA) | (NA) | 140.5 | 1 184.4 | 2 254.5 | 6 114.4 | 180.0 | 228 | |
| 153.7 | 13.1 | 140.7 | 495.5 | 565.1 | 93 | 74 | 93.0 | 782.7 | 1 480.3 | 3 864.9 | 114.4 | 2281 | |
| 59.0 | 5.9 | 53.1 | 157.8 | 193.1 | 94 | 49 | 30.5 | 262.3 | 490.4 | 1 510.1 | 51.1 | 2282 | |
| 2.9 | .5 | 2.4 | 22.5 | 24.6 | 92 | 64 | 4.1 | 33.1 | 81.8 | 194.9 | 2.7 | 2283 | |
| 15.3 | 2.7 | 12.7 | 115.3 | 120.5 | 97 | 90 | 12.8 | 106.3 | 201.9 | 544.4 | 11.8 | 2284 | |
| 178.3 | 37.0 | 141.3 | 755.2 | 766.8 | (NA) | (NA) | 67.9 | 705.6 | 1 641.1 | 4 173.9 | 112.0 | 229 | |
| 26.7 | 3.4 | 23.4 | 57.1 | 57.8 | 96 | 89 | 4.3 | 50.7 | 103.0 | 197.7 | 5.7 | 2291 | |
| .9 | .3 | .7 | 13.7 | 14.0 | 97 | 94 | 2.2 | 17.9 | 27.7 | 45.9 | 1.0 | 2292 | |
| 4.6 | .7 | 3.9 | 25.0 | 30.5 | 93 | 89 | 5.2 | 52.9 | 124.5 | 251.8 | 5.8 | 2293 | |
| 6.7 | 4.0 | 2.7 | 60.9 | 61.8 | 93 | 96 | 3.7 | 31.2 | 61.7 | 178.4 | 5.8 | 2294 | |
| 28.4 | 5.9 | 22.6 | 177.3 | 188.7 | 88 | 87 | 13.6 | 182.3 | 413.1 | 1 059.0 | 26.0 | 2295 | |
| 6.2 | .9 | 5.3 | 123.8 | 122.3 | 90 | 99 | 9.6 | 94.7 | 242.1 | 1 013.2 | 7.0 | 2296 | |
| 78.7 | 15.4 | 63.3 | 167.0 | 155.6 | 90 | 68 | 13.0 | 139.8 | 386.0 | 864.4 | 41.1 | 2297 | |
| 17.0 | 6.0 | 11.0 | 89.6 | 89.5 | 92 | 91 | 9.5 | 79.5 | 173.8 | 332.2 | 6.5 | 2298 | |
| 9.0 | .4 | 8.6 | 40.9 | 46.7 | 99 | 67 | 6.7 | 56.6 | 109.2 | 231.1 | 13.0 | 2299 | |
| 654.3 | 156.5 | 497.7 | 7 182.8 | 7 581.0 | (NA) | (NA) | 1 334.3 | 9 658.6 | 19 671.3 | 40 245.1 | 456.7 | 23 | |
| 24.6 | 7.7 | 17.0 | 578.2 | 559.6 | 92 | 93 | 98.7 | 822.2 | 1 574.4 | 2 767.5 | 25.8 | 2311 | |
| 157.4 | 35.3 | 122.2 | 1 808.4 | 1 970.0 | (NA) | (NA) | 364.5 | 2 340.2 | 4 935.2 | 10 003.2 | 118.3 | 232 | |
| 37.2 | 7.6 | 29.6 | 476.0 | 500.5 | 88 | 73 | 114.7 | 711.3 | 1 445.7 | 2 934.6 | 25.9 | 2321 | |
| 3.3 | 1.2 | 2.1 | 67.3 | 80.2 | 95 | 37 | 15.1 | 92.2 | 218.2 | 419.8 | 2.6 | 2322 | |
| 4.9 | .1 | 4.8 | 41.5 | 43.6 | 97 | 99 | 6.3 | 57.5 | 117.5 | 223.8 | 2.6 | 2323 | |
| 35.7 | 5.1 | 30.6 | 302.7 | 312.2 | 86 | 88 | 70.9 | 474.0 | 845.6 | 1 718.0 | 22.8 | 2327 | |
| 58.1 | 16.9 | 41.1 | 616.6 | 749.2 | 85 | 94 | 113.7 | 719.4 | 1 765.4 | 3 641.9 | 44.1 | 2328 | |
| 18.3 | 4.4 | 14.0 | 304.4 | 284.3 | 84 | 67 | 43.8 | 285.8 | 542.8 | 1 065.1 | 20.2 | 2329 | |
| 213.1 | 44.0 | 169.1 | 1 804.6 | 1 926.2 | (NA) | (NA) | 447.5 | 3 152.8 | 6 429.8 | 12 720.3 | 133.6 | 233 | |
| 29.4 | 7.6 | 21.7 | 354.5 | 374.8 | 84 | 75 | 83.3 | 569.0 | 1 192.5 | 2 333.6 | 24.0 | 2331 | |
| 68.1 | 10.5 | 57.6 | 389.6 | 378.9 | 94 | 94 | 175.3 | 1 197.1 | 2 233.7 | 4 188.6 | 45.2 | 2335 | |
| 30.5 | 7.0 | 23.4 | 499.7 | 584.3 | 75 | 82 | 84.7 | 654.0 | 1 429.6 | 2 912.9 | 22.0 | 2337 | |
| 85.2 | 18.9 | 66.4 | 560.8 | 588.2 | 82 | 75 | 104.1 | 732.7 | 1 574.0 | 3 285.1 | 42.4 | 2339 | |
| 37.8 | 11.0 | 26.9 | 548.7 | 576.8 | (NA) | (NA) | 91.8 | 613.2 | 1 249.7 | 2 430.8 | 22.9 | 234 | |
| 30.4 | 9.4 | 21.0 | 407.0 | 416.0 | 91 | 89 | 72.9 | 472.1 | 915.3 | 1 780.8 | 18.7 | 2341 | |
| 7.5 | 1.6 | 5.9 | 141.7 | 160.8 | 93 | 92 | 18.9 | 141.1 | 334.4 | 650.0 | 4.2 | 2342 | |
| 8.1 | 3.6 | 4.5 | 129.7 | 132.6 | (NA) | (NA) | 15.1 | 105.2 | 185.5 | 359.9 | 4.1 | 235 | |
| .4 | .2 | .2 | 15.1 | 14.7 | 96 | 97 | 2.7 | 20.2 | 32.8 | 75.1 | .2 | 2351 | |
| 7.7 | 3.4 | 4.3 | 114.6 | 117.9 | 98 | 98 | 12.4 | 85.1 | 152.7 | 284.8 | 3.9 | 2352 | |
| 30.1 | 8.1 | 22.0 | 354.5 | 371.5 | (NA) | (NA) | 71.2 | 459.1 | 879.2 | 1 717.3 | 14.4 | 236 | |
| 11.6 | 2.5 | 9.1 | 165.9 | 175.9 | 90 | 84 | 35.2 | 228.4 | 444.6 | 824.7 | 6.4 | 2361 | |
| 1.4 | .5 | .9 | 28.7 | 26.1 | 92 | 83 | 6.7 | 45.8 | 90.2 | 173.8 | 1.3 | 2363 | |
| 17.1 | 5.1 | 12.0 | 159.9 | 169.4 | 85 | 78 | 29.3 | 184.9 | 344.4 | 718.8 | 6.7 | 2369 | |
| .3 | — | .2 | 74.5 | 76.2 | 100 | 99 | 4.0 | 51.5 | 112.8 | 383.4 | .5 | 2371 | |
| 24.7 | 10.4 | 14.3 | 331.2 | 348.3 | (NA) | (NA) | 56.3 | 407.5 | 845.3 | 1 649.5 | 20.7 | 238 | |
| 3.4 | 1.9 | 1.5 | 40.9 | 48.0 | 89 | 73 | 10.9 | 69.0 | 160.9 | 312.4 | 3.5 | 2381 | |
| 3.9 | 1.3 | 2.6 | 56.0 | 63.3 | 94 | 81 | 9.5 | 64.3 | 139.5 | 288.3 | 3.3 | 2384 | |
| 4.6 | 1.6 | 3.0 | 51.8 | 47.5 | 89 | 88 | 12.0 | 89.4 | 194.4 | 348.8 | 5.6 | 2385 | |
| .9 | .3 | .6 | 40.2 | 44.6 | 92 | 94 | 6.7 | 54.7 | 94.8 | 214.1 | 1.6 | 2386 | |
| 8.3 | 4.4 | 3.9 | 92.8 | 93.5 | 89 | 95 | 9.4 | 76.1 | 150.3 | 286.9 | 2.5 | 2387 | |
| 3.6 | .9 | 2.7 | 49.5 | 51.5 | 91 | 91 | 7.8 | 54.0 | 105.4 | 199.0 | 4.2 | 2389 | |
| 157.9 | 36.3 | 121.6 | 1 552.9 | 1 619.8 | (NA) | (NA) | 185.4 | 1 706.9 | 3 459.4 | 8 213.2 | 116.4 | 239 | |
| 6.3 | 1.5 | 4.8 | 159.7 | 166.8 | 94 | 91 | 31.7 | 224.7 | 407.3 | 1 013.1 | 7.2 | 2391 | |
| 38.8 | 10.5 | 28.3 | 581.5 | 610.7 | 92 | 63 | 47.5 | 366.4 | 782.9 | 2 294.0 | 26.9 | 2392 | |
| 5.9 | 1.3 | 4.6 | 73.0 | 78.6 | 88 | 83 | 8.2 | 66.7 | 122.2 | 321.8 | 5.8 | 2393 | |
| 17.8 | 4.2 | 13.6 | 131.9 | 130.9 | 94 | 93 | 13.9 | 121.6 | 237.4 | 486.8 | 8.4 | 2394 | |
| 17.0 | 3.8 | 13.2 | 138.8 | 138.7 | 98 | 91 | 16.1 | 130.9 | 281.8 | 620.2 | 9.3 | 2395 | |
| 41.1 | 9.3 | 31.8 | 221.4 | 234.7 | 99 | 99 | 30.9 | 476.4 | 1 000.2 | 2 166.3 | 36.1 | 2396 | |
| 7.4 | 1.0 | 6.4 | 29.7 | 27.2 | 95 | 96 | 6.0 | 56.3 | 96.7 | 158.0 | 3.3 | 2397 | |
| 23.5 | 4.7 | 18.9 | 216.9 | 232.2 | 93 | 91 | 31.1 | 263.8 | 531.0 | 1 152.9 | 19.4 | 2399 | |
| 1 342.4 | 225.4 | 1 117.0 | 5 718.6 | 6 481.8 | (NA) | (NA) | 692.4 | 7 424.7 | 16 222.8 | 39 919.4 | 1 562.6 | 24 | |
| 249.0 | 19.6 | 229.4 | 747.2 | 911.7 | 96 | 95 | 83.3 | 1 009.0 | 2 418.7 | 6 230.1 | 386.5 | 2411 | |
| 435.6 | 77.2 | 358.3 | 1 934.9 | 2 229.4 | (NA) | (NA) | 211.3 | 2 228.3 | 4 975.0 | 11 969.3 | 584.2 | 242 | |
| 408.4 | 69.4 | 339.0 | 1 734.1 | 2 021.8 | 93 | 91 | 175.2 | 1 943.0 | 4 452.8 | 10 666.7 | 535.8 | 2421 | |
| 24.3 | 6.5 | 17.8 | 168.3 | 175.3 | 91 | 92 | 29.1 | 225.0 | 413.1 | 850.0 | 35.3 | 2426 | |
| 2.9 | 1.3 | 1.6 | 32.6 | 32.2 | 96 | 92 | 7.0 | 60.3 | 109.1 | 252.6 | 13.1 | 2429 | |
| 261.6 | 43.9 | 217.7 | 1 575.1 | 1 742.5 | (NA) | (NA) | 197.1 | 2 216.4 | 4 700.4 | 11 381.9 | 272.7 | 243 | |
| 79.9 | 22.9 | 57.0 | 731.2 | 770.1 | 93 | 94 | 68.6 | 742.2 | 1 497.9 | 3 928.1 | 81.0 | 2431 | |
| 43.8 | 6.9 | 36.9 | 287.3 | 311.9 | 96 | 97 | 46.2 | 481.1 | 868.6 | 1 590.8 | 36.7 | 2434 | |
| 22.2 | 5.3 | 16.9 | 194.0 | 228.2 | 93 | 94 | 22.3 | 211.5 | 420.2 | 1 250.4 | 29.6 | 2435 | |
| 99.7 | 5.7 | 94.0 | 263.3 | 330.1 | 84 | 94 | 46.2 | 634.6 | 1 583.7 | 3 804.8 | 105.6 | 2436 | |
| 16.1 | 3.1 | 13.0 | 99.3 | 102.2 | 96 | 95 | 13.8 | 147.0 | 330.0 | 807.7 | 19.7 | 2439 | |
| 40.0 | 8.6 | 31.4 | 191.4 | 227.6 | (NA) | (NA) | 37.8 | 299.6 | 539.7 | 1 217.1 | 29.6 | 244 | |
| 6.9 | 3.1 | 3.8 | 29.9 | 32.9 | 90 | 81 | 8.6 | 68.6 | 116.2 | 263.3 | 5.4 | 2441 | |
| 29.4 | 4.3 | 25.0 | 104.3 | 112.3 | 92 | 93 | 20.3 | 163.8 | 303.1 | 698.0 | 21.3 | 2448 | |
| 3.7 | 1.2 | 2.5 | 57.2 | 82.4 | 95 | 97 | 8.9 | 67.2 | 120.4 | 255.8 | 2.9 | 2449 | |

Table 3. Selected Statistics by Industry Group and Industry: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the industry reports previously published.]

| SIC code | Industry group and industry | 1982 | | | | | | | | | |
|-----------|---|------------------------------------|-------------------|---------------------------------------|-------------------|------------------------------|--------------------|---------------------|----------------------------|--|--|
| | | All establishments ² | | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Value of shipments ⁴ (million dollars) |
| | | Companies ¹ (number) | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | |
| 24 | Lumber and wood products—Con. | | | | | | | | | | |
| 245 | Wood buildings and mobile homes --- | (NA) | 1 163 | 612 | 59.6 | 880.1 | 46.0 | 84.7 | 573.5 | 1 740.8 | 4 955.4 |
| 2451 | Mobile homes ----- | 261 | 516 | 406 | 42.8 | 622.4 | 34.6 | 63.9 | 430.3 | 1 187.4 | 3 608.4 |
| 2452 | Prefabricated wood buildings ----- | 598 | 647 | 206 | 16.8 | 257.8 | 11.4 | 20.8 | 143.2 | 553.4 | 1 349.0 |
| 249 | Miscellaneous wood products ----- | (NA) | 3 965 | 878 | 77.1 | 1 063.5 | 62.5 | 115.4 | 745.3 | 2 222.6 | 5 255.4 |
| 2491 | Wood preserving ----- | 428 | 524 | 184 | 10.9 | 159.4 | 8.6 | 16.5 | 108.2 | 363.7 | 1 360.2 |
| 2492 | Particleboard ----- | 31 | 54 | 50 | 5.6 | 104.5 | 4.5 | 8.9 | 77.8 | 193.3 | 547.4 |
| 2499 | Wood products, n.e.c. ----- | 3 226 | 3 387 | 644 | 60.6 | 799.6 | 49.4 | 90.0 | 559.3 | 1 645.6 | 3 347.8 |
| 25 | Furniture and fixtures ----- | 9 227 | 10 003 | 3 629 | 436.0 | 6 083.7 | 350.5 | 651.2 | 4 189.1 | 12 828.9 | 24 128.6 |
| 251 | Household furniture ----- | (NA) | 5 475 | 2 076 | 263.0 | 3 161.7 | 221.4 | 402.6 | 2 309.8 | 6 455.0 | 12 775.8 |
| 2511 | Wood household furniture ----- | 2 430 | 2 607 | 833 | 125.6 | 1 402.7 | 109.2 | 197.2 | 1 070.6 | 2 715.0 | 5 056.6 |
| 2512 | Upholstered household furniture ----- | 1 129 | 1 227 | 602 | 70.6 | 849.9 | 59.8 | 105.6 | 637.2 | 1 745.3 | 3 505.3 |
| 2514 | Metal household furniture ----- | 413 | 454 | 205 | 27.0 | 362.4 | 21.5 | 41.8 | 240.3 | 807.0 | 1 590.7 |
| 2515 | Mattresses and bedsprings ----- | 786 | 902 | 336 | 25.4 | 357.4 | 19.0 | 35.6 | 218.9 | 882.4 | 1 935.4 |
| 2517 | Wood TV and radio cabinets ----- | 81 | 83 | 37 | 7.0 | 88.6 | 5.9 | 10.8 | 66.4 | 152.1 | 306.6 |
| 2519 | Household furniture, n.e.c. ----- | 196 | 202 | 63 | 7.4 | 100.7 | 6.0 | 11.7 | 76.4 | 153.3 | 381.1 |
| 252 | Office furniture ----- | (NA) | 700 | 337 | 58.7 | 1 050.9 | 43.8 | 85.2 | 678.0 | 2 476.9 | 4 150.1 |
| 2521 | Wood office furniture ----- | 430 | 446 | 175 | 21.0 | 296.1 | 16.6 | 32.0 | 194.0 | 659.0 | 1 087.4 |
| 2522 | Metal office furniture ----- | 224 | 254 | 162 | 37.8 | 754.8 | 27.3 | 53.2 | 483.9 | 1 817.9 | 3 062.7 |
| 2531 | Public building and related furniture --- | 394 | 413 | 181 | 18.8 | 294.9 | 13.8 | 26.2 | 175.8 | 578.8 | 1 102.8 |
| 254 | Partitions and fixtures ----- | (NA) | 2 148 | 687 | 59.7 | 1 025.0 | 44.9 | 85.8 | 674.0 | 2 079.5 | 3 709.9 |
| 2541 | Wood partitions and fixtures ----- | 1 547 | 1 580 | 388 | 31.7 | 543.0 | 24.3 | 46.9 | 379.6 | 1 017.1 | 1 766.7 |
| 2542 | Metal partitions and fixtures ----- | 533 | 568 | 299 | 28.0 | 482.0 | 20.5 | 38.9 | 294.5 | 1 062.5 | 1 943.2 |
| 259 | Miscellaneous furniture and fixtures --- | (NA) | 1 267 | 348 | 35.8 | 551.1 | 26.5 | 51.4 | 351.5 | 1 238.7 | 2 390.1 |
| 2591 | Draper hardware and blinds and shades ----- | 404 | 435 | 127 | 15.7 | 223.7 | 11.7 | 22.0 | 146.8 | 556.6 | 1 114.4 |
| 2599 | Furniture and fixtures, n.e.c. ----- | 819 | 832 | 221 | 20.1 | 327.4 | 14.9 | 29.4 | 204.8 | 682.0 | 1 275.7 |
| 26 | Paper and allied products ----- | 4 271 | 6 381 | 4 090 | 605.6 | 12 947.5 | 461.2 | 923.0 | 9 040.3 | 33 375.7 | 79 895.1 |
| 2611 | Pulp mills ----- | 29 | 43 | 41 | 16.7 | 467.5 | 12.8 | 24.8 | 344.1 | 1 113.8 | 3 110.4 |
| 2621 | Paper mills, except building paper --- | 135 | 299 | 281 | 129.0 | 3 430.6 | 100.1 | 208.4 | 2 563.6 | 8 954.1 | 20 994.6 |
| 2631 | Paperboard mills ----- | 106 | 222 | 212 | 55.6 | 1 501.5 | 43.0 | 88.5 | 1 117.7 | 3 739.8 | 9 531.1 |
| 264 | Miscellaneous converted paper products ----- | (NA) | 3 006 | 1 597 | 213.3 | 3 960.6 | 161.7 | 319.4 | 2 665.9 | 12 014.1 | 26 700.7 |
| 2641 | Paper coating and glazing ----- | 499 | 574 | 298 | 43.1 | 882.4 | 29.5 | 59.1 | 529.3 | 2 330.9 | 5 454.0 |
| 2642 | Envelopes ----- | 196 | 296 | 216 | 24.4 | 428.7 | 19.0 | 37.0 | 287.5 | 853.6 | 1 771.3 |
| 2643 | Bags, except textile bags ----- | 448 | 577 | 380 | 50.2 | 850.9 | 39.9 | 78.7 | 597.7 | 2 055.5 | 5 037.6 |
| 2645 | Die-cut paper and board ----- | 358 | 398 | 171 | 15.9 | 245.9 | 12.6 | 23.7 | 168.6 | 708.7 | 1 680.1 |
| 2646 | Pressed and molded pulp goods --- | 23 | 32 | 21 | 3.2 | 60.7 | 2.6 | 5.3 | 47.9 | 140.8 | 236.2 |
| 2647 | Sanitary paper products ----- | 84 | 138 | 103 | 36.7 | 863.3 | 28.8 | 59.0 | 641.3 | 4 341.0 | 9 086.0 |
| 2648 | Stationery products ----- | 194 | 214 | 112 | 12.6 | 193.1 | 9.5 | 18.3 | 127.1 | 433.1 | 1 034.0 |
| 2649 | Converted paper products, n.e.c. ----- | 719 | 777 | 296 | 27.2 | 435.6 | 19.7 | 38.4 | 266.5 | 1 150.5 | 2 401.5 |
| 265 | Paperboard containers and boxes --- | (NA) | 2 781 | 1 936 | 187.5 | 3 516.7 | 140.7 | 276.2 | 2 294.3 | 7 395.8 | 19 192.3 |
| 2651 | Folding paperboard boxes ----- | 457 | 573 | 401 | 43.7 | 837.6 | 34.6 | 69.2 | 587.0 | 1 672.7 | 3 901.8 |
| 2652 | Set-up paperboard boxes ----- | 241 | 265 | 165 | 10.6 | 134.7 | 8.9 | 16.7 | 91.3 | 250.2 | 433.2 |
| 2653 | Corrugated and solid fiber boxes ----- | 906 | 1 492 | 1 066 | 94.4 | 1 861.8 | 67.4 | 132.0 | 1 147.9 | 3 659.0 | 10 558.1 |
| 2654 | Sanitary food containers ----- | 90 | 144 | 113 | 24.6 | 430.1 | 18.4 | 36.2 | 283.8 | 1 239.4 | 2 825.8 |
| 2655 | Fiber cans, drums, and similar products ----- | 152 | 307 | 191 | 14.1 | 252.5 | 11.4 | 22.1 | 184.3 | 574.5 | 1 473.5 |
| 2661 | Building paper and board mills ----- | 19 | 30 | 23 | 3.6 | 70.6 | 2.9 | 5.7 | 54.8 | 158.2 | 366.1 |
| 27 | Printing and publishing ----- | 49 752 | 53 406 | 10 871 | 1 291.8 | 22 706.9 | 710.9 | 1 313.0 | 11 307.4 | 54 423.4 | 85 796.9 |
| 2711 | Newspapers ----- | 7 520 | 8 846 | 2 554 | 401.5 | 6 554.7 | 147.2 | 259.3 | 2 386.6 | 15 275.3 | 21 276.3 |
| 2721 | Periodicals ----- | 3 143 | 3 328 | 690 | 94.0 | 1 986.1 | 17.4 | 31.9 | 243.2 | 6 910.9 | 11 478.0 |
| 273 | Books ----- | (NA) | 2 811 | 727 | 111.7 | 2 089.8 | 49.7 | 95.5 | 779.6 | 6 721.4 | 10 132.4 |
| 2731 | Book publishing ----- | 2 007 | 2 130 | 419 | 67.1 | 1 327.3 | 15.2 | 30.8 | 237.1 | 5 291.5 | 7 740.0 |
| 2732 | Book printing ----- | 637 | 681 | 308 | 44.7 | 762.5 | 34.5 | 64.7 | 542.6 | 1 429.9 | 2 392.4 |
| 2741 | Miscellaneous publishing ----- | 1 952 | 2 057 | 430 | 45.3 | 705.9 | 17.9 | 29.2 | 206.2 | 1 958.2 | 2 871.3 |
| 275 | Commercial printing ----- | (NA) | 29 735 | 4 551 | 451.7 | 8 087.4 | 339.4 | 635.7 | 5 500.2 | 15 738.2 | 27 699.8 |
| 2751 | Commercial printing, letterpress ----- | 10 211 | 10 371 | 1 103 | 103.6 | 1 575.5 | 76.9 | 145.2 | 1 003.7 | 3 161.1 | 5 503.9 |
| 2752 | Commercial printing, lithographic ----- | 17 332 | 17 842 | 3 184 | 311.9 | 5 746.4 | 234.1 | 434.8 | 3 931.9 | 11 045.1 | 19 441.6 |
| 2753 | Engraving and plate printing ----- | 847 | 869 | 143 | 12.4 | 220.2 | 9.0 | 16.4 | 147.9 | 436.5 | 584.2 |
| 2754 | Commercial printing, gravure ----- | 612 | 653 | 121 | 23.8 | 545.2 | 19.5 | 39.3 | 416.8 | 1 095.5 | 2 170.0 |
| 2761 | Manifold business forms ----- | 582 | 810 | 530 | 49.5 | 934.0 | 36.2 | 71.1 | 634.3 | 2 490.7 | 5 058.7 |
| 2771 | Greeting card publishing ----- | 139 | 154 | 54 | 20.8 | 344.2 | 11.7 | 20.2 | 155.2 | 1 348.8 | 1 893.6 |
| 278 | Blankbooks and bookbinding ----- | (NA) | 1 487 | 631 | 61.2 | 903.1 | 49.7 | 92.6 | 635.6 | 1 963.5 | 2 802.9 |
| 2782 | Blankbooks and looseleaf binders ----- | 333 | 474 | 296 | 35.9 | 564.8 | 28.0 | 52.9 | 380.5 | 1 379.5 | 2 039.4 |
| 2789 | Bookbinding and related work ----- | 994 | 1 013 | 335 | 25.4 | 338.3 | 21.7 | 39.7 | 255.1 | 584.0 | 763.5 |
| 279 | Printing trade services ----- | (NA) | 4 178 | 704 | 58.0 | 1 101.8 | 41.6 | 77.5 | 766.5 | 2 016.6 | 2 583.8 |
| 2791 | Typesetting ----- | 3 045 | 3 075 | 415 | 33.7 | 570.6 | 26.5 | 49.0 | 418.3 | 1 040.2 | 1 242.9 |
| 2793, | Photoengraving; Electrotyping and | | | | | | | | | | |
| 2794 | stereotyping ----- | 302 | 305 | 41 | 3.4 | 64.0 | 2.5 | 4.9 | 43.4 | 118.6 | 153.2 |
| 2795 | Lithographic platemaking services --- | 770 | 798 | 248 | 18.8 | 467.2 | 12.6 | 23.7 | 304.9 | 857.7 | 1 187.7 |

See footnotes at end of table.

These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| 1982—Con. | | | | | | | 1977 | | | | | | SIC code |
|---------------------------------------|---|---|-------------------------------------|--|----------------------------------|-----------------------|-------------------|---------------------------------|--|--|---|------|-------------|
| New capital expenditures ⁵ | | | Inventories ³ | | Ratios | | All employees | | Value added by manu- facture (million dollars) | Value of shipments ⁴ (million dollars) | New capital expend- itures ⁵ (million dollars) | | |
| Total (million dollars) | Structures and additions to plant (million dollars) | Machinery and equipment (million dollars) | End of year (million dollars) | Beginning of year (million dollars) | Special- ization (percent) | Coverage (percent) | Number (1,000) | Payroll (million dollars) | | | | | |
| 65.1 | 33.8 | 31.4 | 369.6 | 401.2 | (NA) | (NA) | 79.5 | 858.2 | 1 789.1 | 5 147.9 | 110.0 | 245 | |
| 47.7 | 24.6 | 23.1 | 194.5 | 215.0 | 99 | 99 | 50.5 | 527.6 | 1 030.5 | 3 199.3 | 69.8 | 2451 | |
| 17.4 | 9.2 | 8.3 | 175.1 | 186.2 | 97 | 99 | 29.0 | 330.6 | 758.6 | 1 948.6 | 40.2 | 2452 | |
| 291.1 | 42.3 | 248.8 | 900.5 | 969.5 | (NA) | (NA) | 83.4 | 813.3 | 1 799.9 | 3 973.1 | 179.7 | 249 | |
| 35.9 | 4.5 | 31.3 | 315.3 | 315.8 | 98 | 96 | 12.6 | 126.1 | 327.1 | 962.6 | 30.3 | 2491 | |
| 112.9 | 15.8 | 97.1 | 43.7 | 54.1 | 97 | 96 | 6.2 | 79.1 | 207.2 | 452.9 | 32.5 | 2492 | |
| 142.3 | 21.9 | 120.4 | 541.5 | 599.7 | 95 | 94 | 64.6 | 608.1 | 1 265.5 | 2 557.6 | 116.9 | 2499 | |
| 566.2 | 177.5 | 388.7 | 3 997.4 | 4 164.3 | (NA) | (NA) | 463.8 | 4 448.3 | 8 921.7 | 16 978.0 | 388.7 | 25 | |
| 245.9 | 69.2 | 176.7 | 2 164.8 | 2 293.9 | (NA) | (NA) | 309.7 | 2 669.2 | 5 212.7 | 10 392.1 | 211.2 | 251 | |
| 119.1 | 33.3 | 85.9 | 1 162.4 | 1 234.2 | 95 | 96 | 141.0 | 1 138.8 | 2 239.9 | 4 148.8 | 101.9 | 2511 | |
| 57.2 | 18.7 | 38.5 | 441.4 | 455.8 | 91 | 95 | 89.1 | 779.2 | 1 437.3 | 2 931.0 | 50.4 | 2512 | |
| 25.4 | 5.3 | 20.1 | 277.7 | 302.8 | 89 | 92 | 33.2 | 302.7 | 637.4 | 1 307.1 | 22.8 | 2514 | |
| 25.0 | 7.9 | 17.0 | 200.5 | 210.3 | 95 | 88 | 27.0 | 279.8 | 616.6 | 1 398.5 | 14.5 | 2515 | |
| 7.3 | 2.4 | 4.8 | 32.5 | 36.7 | 91 | 91 | 10.7 | 89.0 | 150.4 | 304.8 | 11.1 | 2517 | |
| 11.9 | 1.5 | 10.4 | 50.3 | 54.1 | 80 | 93 | 8.7 | 79.7 | 131.0 | 301.9 | 10.4 | 2519 | |
| 146.8 | 53.9 | 92.9 | 625.6 | 635.1 | (NA) | (NA) | 45.0 | 542.6 | 1 236.1 | 2 009.4 | 67.6 | 252 | |
| 32.6 | 13.8 | 18.8 | 198.2 | 197.9 | 91 | 84 | 16.0 | 165.0 | 381.3 | 612.0 | 26.5 | 2521 | |
| 114.2 | 40.1 | 74.1 | 427.4 | 437.2 | 90 | 91 | 29.0 | 377.6 | 854.8 | 1 397.4 | 41.1 | 2522 | |
| 24.8 | 8.0 | 16.8 | 203.7 | 205.8 | 84 | 86 | 20.0 | 214.3 | 414.9 | 787.4 | 22.3 | 2531 | |
| 87.3 | 25.1 | 62.2 | 592.3 | 614.3 | (NA) | (NA) | 57.4 | 675.1 | 1 311.0 | 2 408.8 | 58.9 | 254 | |
| 39.2 | 16.9 | 22.3 | 250.3 | 255.4 | 92 | 91 | 29.4 | 352.9 | 621.4 | 1 105.8 | 22.4 | 2541 | |
| 48.1 | 8.2 | 39.9 | 342.0 | 358.9 | 89 | 91 | 28.0 | 322.2 | 689.7 | 1 303.0 | 36.5 | 2542 | |
| 61.3 | 21.4 | 40.0 | 411.0 | 415.2 | (NA) | (NA) | 31.7 | 347.0 | 746.9 | 1 380.3 | 28.7 | 259 | |
| 31.3 | 12.7 | 18.6 | 211.3 | 218.1 | 97 | 97 | 13.6 | 145.6 | 345.0 | 675.1 | 16.7 | 2591 | |
| 30.0 | 8.7 | 21.4 | 199.6 | 197.1 | 90 | 82 | 18.1 | 201.4 | 401.9 | 705.2 | 12.0 | 2599 | |
| 5 098.3 | 511.0 | 4 587.4 | 8 922.7 | 8 970.7 | (NA) | (NA) | 628.7 | 8 942.9 | 22 170.9 | 52 085.7 | 3 295.0 | 26 | |
| 658.6 | 38.4 | 620.2 | 451.5 | 464.9 | 85 | 72 | 16.2 | 293.2 | 906.1 | 2 091.1 | 301.1 | 2611 | |
| 1 856.1 | 188.4 | 1 667.8 | 2 247.1 | 2 155.3 | 92 | 96 | 127.0 | 2 167.0 | 5 406.6 | 12 613.3 | 1 115.2 | 2621 | |
| 1 286.7 | 70.4 | 1 216.3 | 759.6 | 722.4 | 89 | 90 | 67.6 | 1 175.8 | 3 080.7 | 7 124.3 | 933.7 | 2631 | |
| 786.2 | 143.1 | 643.1 | 3 070.5 | 3 142.2 | (NA) | (NA) | 206.7 | 2 608.1 | 7 263.0 | 16 433.2 | 507.4 | 264 | |
| 200.8 | 29.4 | 171.4 | 716.2 | 754.3 | 79 | 84 | 39.7 | 551.2 | 1 507.0 | 3 392.0 | 98.7 | 2641 | |
| 45.1 | 4.9 | 40.2 | 210.4 | 216.0 | 98 | 94 | 22.6 | 270.0 | 503.4 | 990.5 | 22.9 | 2642 | |
| 140.8 | 18.0 | 122.8 | 690.3 | 710.1 | 89 | 92 | 48.7 | 584.1 | 1 349.6 | 3 482.3 | 93.4 | 2643 | |
| 32.7 | 8.2 | 24.5 | 191.5 | 187.7 | 91 | 91 | 14.3 | 174.6 | 429.5 | 1 057.7 | 15.3 | 2645 | |
| 7.1 | .7 | 6.4 | 28.6 | 24.3 | 100 | 97 | 4.9 | 58.8 | 153.7 | 240.3 | 10.9 | 2646 | |
| 271.1 | 68.1 | 202.9 | 640.0 | 635.3 | 94 | 98 | 34.5 | 509.1 | 2 194.5 | 4 921.2 | 199.1 | 2647 | |
| 21.4 | 1.8 | 19.6 | 177.2 | 178.6 | 79 | 73 | 12.6 | 135.2 | 291.0 | 651.7 | 15.9 | 2648 | |
| 67.2 | 12.0 | 55.2 | 416.3 | 436.0 | 86 | 80 | 29.4 | 325.1 | 834.3 | 1 697.5 | 51.1 | 2649 | |
| 496.1 | 70.0 | 426.1 | 2 348.5 | 2 433.9 | (NA) | (NA) | 204.1 | 2 601.8 | 5 296.3 | 13 350.1 | 421.0 | 265 | |
| 104.5 | 12.1 | 92.4 | 639.7 | 651.7 | 88 | 90 | 44.7 | 577.8 | 1 136.8 | 2 579.0 | 89.8 | 2651 | |
| 10.0 | 1.2 | 8.8 | 62.0 | 59.8 | 96 | 83 | 13.1 | 115.3 | 211.6 | 360.5 | 8.8 | 2652 | |
| 283.5 | 37.7 | 245.9 | 1 042.2 | 1 124.2 | 99 | 99 | 101.5 | 1 374.8 | 2 704.1 | 7 351.1 | 243.3 | 2653 | |
| 67.1 | 15.9 | 51.2 | 449.3 | 437.3 | 83 | 86 | 28.7 | 336.7 | 836.8 | 2 048.4 | 52.4 | 2654 | |
| 31.1 | 3.2 | 27.9 | 155.3 | 161.0 | 95 | 92 | 16.1 | 197.3 | 406.9 | 1 011.1 | 26.7 | 2655 | |
| 14.5 | .7 | 13.8 | 45.4 | 51.9 | 87 | 87 | 7.0 | 96.9 | 218.2 | 473.7 | 16.6 | 2661 | |
| 3 213.2 | 531.8 | 2 681.5 | 7 039.5 | 7 141.2 | (NA) | (NA) | 1 092.2 | 14 024.5 | 31 979.5 | 49 716.2 | 1 597.8 | 27 | |
| 1 029.2 | 221.3 | 807.9 | 754.9 | 779.0 | 96 | 100 | 349.9 | 4 306.0 | 9 519.1 | 13 055.9 | 478.1 | 2711 | |
| 194.8 | 55.6 | 139.2 | 723.9 | 703.2 | 93 | 97 | 69.9 | 1 019.8 | 3 762.7 | 6 056.5 | 78.9 | 2721 | |
| 272.7 | 52.4 | 220.3 | 1 623.5 | 1 707.9 | (NA) | (NA) | 106.4 | 1 378.5 | 4 291.1 | 6 485.7 | 134.1 | 273 | |
| 174.1 | 32.5 | 141.6 | 1 379.9 | 1 424.3 | 94 | 91 | 59.5 | 830.2 | 3 261.9 | 4 793.9 | 79.8 | 2731 | |
| 98.6 | 19.9 | 78.7 | 243.6 | 283.7 | 89 | 84 | 46.9 | 548.2 | 1 029.2 | 1 691.8 | 54.3 | 2732 | |
| 67.1 | 13.8 | 53.3 | 244.4 | 249.3 | 95 | 86 | 42.1 | 503.0 | 1 290.7 | 1 850.9 | 39.1 | 2741 | |
| 1 266.0 | 133.9 | 1 132.1 | 2 374.1 | 2 382.6 | (NA) | (NA) | 356.0 | 4 701.8 | 8 551.2 | 15 015.8 | 639.5 | 275 | |
| 189.7 | 27.5 | 162.2 | 583.4 | 585.0 | 90 | 80 | 110.9 | 1 307.3 | 2 440.6 | 4 284.3 | 163.0 | 2751 | |
| 958.1 | 92.7 | 865.4 | 1 524.1 | 1 523.9 | 91 | 93 | 216.3 | 2 984.1 | 5 338.4 | 9 359.7 | 360.2 | 2752 | |
| 33.1 | 6.9 | 26.1 | 53.5 | 50.0 | 92 | 86 | 9.8 | 118.9 | 230.8 | 314.9 | 17.8 | 2753 | |
| 85.2 | 6.8 | 78.3 | 213.1 | 223.8 | 90 | 86 | 19.0 | 291.6 | 541.4 | 1 056.8 | 98.5 | 2754 | |
| 135.4 | 19.7 | 115.6 | 571.9 | 611.2 | 96 | 97 | 45.3 | 575.0 | 1 491.6 | 2 893.8 | 82.1 | 2761 | |
| 37.2 | 11.4 | 25.8 | 220.5 | 207.8 | 75 | 94 | 18.1 | 226.8 | 655.9 | 1 072.1 | 18.8 | 2771 | |
| 77.9 | 10.3 | 67.5 | 305.5 | 293.1 | (NA) | (NA) | 55.9 | 579.1 | 1 148.7 | 1 656.2 | 55.3 | 278 | |
| 50.5 | 7.7 | 42.8 | 244.6 | 239.0 | 86 | 92 | 31.8 | 338.5 | 739.9 | 1 122.6 | 36.0 | 2782 | |
| 27.3 | 2.6 | 24.7 | 60.9 | 54.1 | 96 | 91 | 24.1 | 240.6 | 408.8 | 533.6 | 19.3 | 2789 | |
| 133.1 | 13.4 | 119.7 | 220.8 | 207.0 | (NA) | (NA) | 48.4 | 734.6 | 1 268.4 | 1 629.4 | 71.7 | 279 | |
| 64.3 | 4.0 | 60.3 | 110.6 | 101.2 | 97 | 88 | 27.2 | 364.7 | 623.4 | 730.6 | 36.7 | 2791 | |
| 5.0 | 1.0 | 4.0 | 5.6 | 6.1 | 82 | 77 | 6.1 | 96.1 | 178.2 | 231.8 | 7.6 | 2793 | |
| 63.8 | 8.4 | 55.4 | 104.0 | 100.1 | 91 | 89 | 15.2 | 273.9 | 466.8 | 667.0 | 27.4 | 2794 | |

Table 3. Selected Statistics by Industry Group and Industry: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the industry reports previously published.]

| SIC code | Industry group and industry | 1982 | | | | | | | | | |
|-----------|---|------------------------------------|---------------------------------|---|-------------------|---------------------------------|--------------------|---------------------|-------------------------------|---|--|
| | | Companies ¹ (number) | All establishments ² | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Value of shipments ⁴ (million dollars) |
| | | | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | |
| 28 | Chemicals and allied products ----- | 8 207 | 11 901 | 4 779 | 872.6 | 20 835.7 | 508.6 | 1 003.5 | 10 543.8 | 77 314.8 | 170 736.9 |
| 281 | Industrial inorganic chemicals ----- | (NA) | 1 365 | 520 | 107.7 | 2 795.2 | 61.9 | 123.9 | 1 461.5 | 8 828.5 | 17 280.1 |
| 2812 | Alkalies and chlorine ----- | 35 | 51 | 33 | 7.6 | 215.7 | 5.0 | 9.8 | 134.9 | 728.8 | 1 570.5 |
| 2813 | Industrial gases ----- | 105 | 563 | 105 | 7.3 | 174.0 | 4.3 | 9.9 | 100.8 | 1 055.3 | 2 019.3 |
| 2816 | Inorganic pigments ----- | 86 | 106 | 63 | 11.2 | 271.3 | 6.8 | 13.3 | 148.6 | 723.0 | 1 630.0 |
| 2819 | Industrial inorganic chemicals, n.e.c. ----- | 425 | 645 | 319 | 81.7 | 2 134.2 | 45.7 | 91.0 | 1 077.3 | 6 321.4 | 12 060.4 |
| 282 | Plastics materials and synthetics ----- | (NA) | 606 | 409 | 141.0 | 3 450.6 | 94.4 | 182.9 | 2 051.9 | 9 401.5 | 28 428.1 |
| 2821 | Plastics materials and resins ----- | 263 | 440 | 308 | 54.7 | 1 433.9 | 32.8 | 67.4 | 790.0 | 4 746.0 | 15 769.2 |
| 2822 | Synthetic rubber ----- | 63 | 78 | 35 | 11.9 | 343.7 | 7.6 | 15.0 | 197.5 | 908.9 | 3 156.4 |
| 2823 | Cellulosic manmade fibers ----- | 14 | 18 | 9 | 14.2 | 291.0 | 10.8 | 21.0 | 194.5 | 428.7 | 1 239.9 |
| 2824 | Organic fibers, noncellulosic ----- | 44 | 70 | 57 | 60.2 | 1 382.0 | 43.1 | 79.6 | 869.9 | 3 317.9 | 8 262.7 |
| 283 | Drugs ----- | (NA) | 1 281 | 593 | 165.7 | 3 965.5 | 84.1 | 163.1 | 1 556.2 | 16 980.6 | 24 695.4 |
| 2831 | Biological products ----- | 287 | 370 | 167 | 23.5 | 449.8 | 11.7 | 22.2 | 164.1 | 1 441.9 | 2 300.0 |
| 2833 | Medicinals and botanicals ----- | 210 | 228 | 94 | 17.8 | 463.2 | 10.2 | 20.9 | 228.8 | 2 054.7 | 3 397.9 |
| 2834 | Pharmaceutical preparations ----- | 584 | 683 | 332 | 124.4 | 3 052.5 | 62.2 | 120.0 | 1 163.4 | 13 484.0 | 18 997.6 |
| 284 | Soaps, cleaners, and toilet goods ----- | (NA) | 2 379 | 804 | 127.3 | 2 581.1 | 75.4 | 148.0 | 1 291.3 | 15 281.8 | 26 031.4 |
| 2841 | Soap and other detergents ----- | 642 | 723 | 232 | 35.4 | 827.1 | 21.2 | 42.5 | 457.1 | 4 777.1 | 9 167.3 |
| 2842 | Polishes and sanitation goods ----- | 747 | 807 | 219 | 23.0 | 443.7 | 14.6 | 29.1 | 236.1 | 2 626.2 | 4 613.7 |
| 2843 | Surface active agents ----- | 181 | 210 | 96 | 8.5 | 208.2 | 3.8 | 7.9 | 77.4 | 747.8 | 2 067.2 |
| 2844 | Toilet preparations ----- | 596 | 639 | 257 | 60.4 | 1 102.1 | 35.8 | 68.6 | 520.7 | 7 130.6 | 10 183.2 |
| 2851 | Paints and allied products ----- | 1 170 | 1 441 | 620 | 54.1 | 1 157.7 | 27.6 | 53.6 | 481.1 | 3 952.5 | 9 162.1 |
| 286 | Industrial organic chemicals ----- | (NA) | 969 | 550 | 143.6 | 4 004.7 | 84.4 | 170.8 | 2 169.1 | 12 340.5 | 38 156.8 |
| 2861 | Gum and wood chemicals ----- | 67 | 92 | 40 | 4.5 | 82.5 | 3.5 | 7.5 | 56.7 | 215.5 | 624.2 |
| 2865 | Cyclic crudes and intermediates ----- | 143 | 189 | 134 | 27.3 | 731.0 | 16.0 | 32.3 | 397.2 | 2 031.5 | 7 138.2 |
| 2869 | Industrial organic chemicals, n.e.c. ----- | 488 | 688 | 376 | 111.8 | 3 191.3 | 65.0 | 131.1 | 1 715.2 | 10 093.5 | 30 394.4 |
| 287 | Agricultural chemicals ----- | (NA) | 1 127 | 417 | 50.9 | 1 155.8 | 31.7 | 64.4 | 644.1 | 5 096.9 | 14 652.5 |
| 2873 | Nitrogenous fertilizers ----- | 109 | 143 | 75 | 10.4 | 268.1 | 6.3 | 13.5 | 156.3 | 981.0 | 3 391.1 |
| 2874 | Phosphatic fertilizers ----- | 69 | 110 | 74 | 14.3 | 328.2 | 9.7 | 20.0 | 206.8 | 760.5 | 3 921.9 |
| 2875 | Fertilizers, mixing only ----- | 372 | 544 | 149 | 9.8 | 155.7 | 6.0 | 12.2 | 76.5 | 406.5 | 1 903.4 |
| 2879 | Agricultural chemicals, n.e.c. ----- | 286 | 330 | 119 | 16.5 | 403.8 | 9.7 | 18.7 | 204.4 | 2 948.9 | 5 436.1 |
| 289 | Miscellaneous chemical products ----- | (NA) | 2 733 | 866 | 82.3 | 1 725.1 | 49.1 | 96.7 | 888.5 | 5 432.6 | 12 330.4 |
| 2891 | Adhesives and sealants ----- | 518 | 684 | 234 | 18.2 | 366.0 | 10.9 | 20.7 | 173.2 | 1 151.4 | 2 857.9 |
| 2892 | Explosives ----- | 73 | 114 | 45 | 12.3 | 253.3 | 7.9 | 15.1 | 144.1 | 580.7 | 922.7 |
| 2893 | Printing ink ----- | 228 | 467 | 153 | 9.9 | 214.1 | 5.5 | 11.0 | 101.9 | 557.5 | 1 572.6 |
| 2894 | Carbon black ----- | 8 | 25 | 24 | 2.1 | 54.9 | 1.6 | 3.0 | 39.1 | 190.8 | 632.9 |
| 2899 | Chemical preparations, n.e.c. ----- | 1 245 | 1 443 | 410 | 39.7 | 836.8 | 23.1 | 46.8 | 430.2 | 2 952.2 | 6 344.3 |
| 29 | Petroleum and coal products ----- | 1 455 | 2 322 | 848 | 151.6 | 4 338.7 | 99.6 | 205.2 | 2 612.7 | 22 068.5 | 208 918.6 |
| 2911 | Petroleum refining ----- | 282 | 433 | 311 | 108.3 | 3 397.9 | 71.0 | 147.9 | 2 057.4 | 19 246.8 | 199 356.5 |
| 295 | Paving and roofing materials ----- | (NA) | 1 307 | 357 | 29.5 | 629.1 | 21.6 | 43.2 | 424.2 | 1 742.8 | 5 948.1 |
| 2951 | Paving mixtures and blocks ----- | 569 | 1 034 | 202 | 15.2 | 340.5 | 11.1 | 22.2 | 229.1 | 925.9 | 3 098.6 |
| 2952 | Asphalt felts and coatings ----- | 147 | 273 | 155 | 14.2 | 288.7 | 10.4 | 21.0 | 195.1 | 816.9 | 2 849.5 |
| 299 | Miscellaneous petroleum and coal products ----- | (NA) | 582 | 180 | 13.8 | 311.7 | 7.0 | 14.1 | 131.1 | 1 078.9 | 3 614.1 |
| 2992 | Lubricating oils and greases ----- | 401 | 473 | 153 | 11.9 | 266.2 | 5.6 | 11.3 | 102.3 | 902.6 | 2 875.3 |
| 2999 | Petroleum and coal products, n.e.c. ----- | 100 | 109 | 27 | 2.0 | 45.5 | 1.4 | 2.8 | 28.7 | 176.4 | 738.8 |
| 30 | Rubber and miscellaneous plastics products ----- | 11 514 | 13 449 | 5 978 | 681.7 | 11 596.8 | 522.6 | 996.0 | 7 691.1 | 27 218.9 | 55 415.8 |
| 3011 | Tires and inner tubes ----- | 108 | 164 | 99 | 70.3 | 1 733.9 | 54.6 | 101.1 | 1 285.6 | 4 660.4 | 9 340.1 |
| 3021 | Rubber and plastics footwear ----- | 53 | 65 | 40 | 17.6 | 196.5 | 15.0 | 27.8 | 149.1 | 360.1 | 706.2 |
| 3031 | Reclaimed rubber ----- | 25 | 25 | 8 | .7 | 11.2 | .6 | 1.0 | 8.3 | 22.6 | 45.1 |
| 3041 | Rubber and plastics hose and belting ----- | 103 | 162 | 117 | 24.9 | 503.1 | 17.7 | 31.9 | 330.4 | 1 027.8 | 1 945.5 |
| 3069 | Fabricated rubber products, n.e.c. ----- | 1 213 | 1 380 | 686 | 89.4 | 1 561.1 | 66.3 | 128.8 | 990.5 | 3 212.6 | 6 365.7 |
| 3079 | Miscellaneous plastics products ----- | 10 152 | 11 653 | 5 028 | 478.9 | 7 591.0 | 368.4 | 705.4 | 4 927.2 | 17 935.3 | 37 013.1 |
| 31 | Leather and leather products ----- | 2 366 | 2 735 | 1 313 | 199.8 | 2 218.5 | 171.3 | 304.1 | 1 623.1 | 4 772.9 | 9 719.2 |
| 3111 | Leather tanning and finishing ----- | 342 | 384 | 172 | 19.5 | 310.6 | 16.2 | 31.1 | 225.2 | 579.8 | 1 753.0 |
| 3131 | Boot and shoe cut stock and findings ----- | 149 | 161 | 80 | 6.8 | 80.8 | 5.7 | 10.4 | 54.4 | 154.7 | 367.8 |
| 314 | Footwear, except rubber ----- | (NA) | 751 | 536 | 121.4 | 1 250.0 | 107.4 | 186.7 | 973.6 | 2 808.9 | 5 269.3 |
| 3142 | House slippers ----- | 53 | 62 | 44 | 7.5 | 71.3 | 6.4 | 11.2 | 51.7 | 149.7 | 275.8 |
| 3143 | Men's footwear, except athletic ----- | 129 | 203 | 159 | 46.5 | 503.1 | 40.7 | 69.6 | 382.2 | 1 101.4 | 2 261.4 |
| 3144 | Women's footwear, except athletic ----- | 209 | 293 | 226 | 48.4 | 483.1 | 43.4 | 77.1 | 392.9 | 1 107.0 | 1 933.2 |
| 3149 | Footwear, except rubber, n.e.c. ----- | 167 | 193 | 107 | 19.1 | 192.7 | 16.8 | 28.7 | 146.8 | 450.9 | 798.9 |
| 3151 | Leather gloves and mittens ----- | 80 | 96 | 54 | 3.9 | 36.6 | 3.3 | 5.6 | 26.9 | 72.5 | 177.6 |
| 3161 | Luggage ----- | 286 | 292 | 131 | 16.0 | 193.8 | 12.5 | 21.0 | 112.5 | 432.8 | 789.0 |
| 317 | Handbags and other personal leather goods ----- | (NA) | 636 | 235 | 25.3 | 271.1 | 20.5 | 39.0 | 178.0 | 564.0 | 1 035.1 |
| 3171 | Women's handbags and purses ----- | 383 | 393 | 148 | 15.4 | 158.5 | 13.2 | 25.6 | 111.7 | 320.4 | 623.7 |
| 3172 | Personal leather goods, n.e.c. ----- | 239 | 243 | 87 | 9.9 | 112.6 | 7.3 | 13.4 | 66.3 | 243.6 | 411.4 |
| 3199 | Leather goods, n.e.c. ----- | 400 | 415 | 105 | 7.0 | 75.6 | 5.8 | 10.4 | 52.5 | 160.2 | 327.4 |

See footnotes at end of table.

These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| 1982—Con. | | | | | | | 1977 | | | | | | |
|---------------------------------------|---|---|-------------------------------------|--|----------------------------------|-----------------------|-------------------|---------------------------------|---|--|---|-------------|--|
| New capital expenditures ⁵ | | | Inventories ³ | | Ratios | | All employees | | Value added by manu- facture (million dollars) | Value of shipments ⁴ (million dollars) | New capital expend- itures ⁵ (million dollars) | SIC code | |
| Total (million dollars) | Structures and additions to plant (million dollars) | Machinery and equipment (million dollars) | End of year (million dollars) | Beginning of year (million dollars) | Special- ization (percent) | Coverage (percent) | Number (1,000) | Payroll (million dollars) | | | | | |
| 9 086.8 | 1 450.8 | 7 635.9 | 23 830.1 | 25 327.8 | (NA) | (NA) | 880.2 | 13 839.3 | 56 720.6 | 118 153.6 | 8 198.9 | 28 | |
| 999.5 | 153.8 | 845.7 | 2 349.3 | 2 298.0 | (NA) | (NA) | 110.0 | 1 847.2 | 6 487.2 | 12 845.0 | 1 055.5 | 281 | |
| 134.4 | 21.8 | 112.6 | 199.9 | 183.6 | 81 | 53 | 11.8 | 215.9 | 822.5 | 1 654.8 | 220.0 | 2812 | |
| 223.7 | 5.9 | 217.8 | 61.0 | 53.6 | 98 | 91 | 7.5 | 117.2 | 732.8 | 1 234.6 | 243.0 | 2813 | |
| 128.9 | 15.2 | 113.8 | 383.2 | 417.0 | 88 | 88 | 11.9 | 179.8 | 567.9 | 1 259.9 | 124.3 | 2816 | |
| 512.5 | 110.9 | 401.5 | 1 705.1 | 1 643.8 | 91 | 77 | 78.8 | 1 334.2 | 4 363.9 | 8 695.7 | 468.2 | 2819 | |
| 1 676.6 | 230.4 | 1 446.2 | 3 644.0 | 4 007.6 | (NA) | (NA) | 157.2 | 2 470.7 | 7 842.9 | 20 064.1 | 1 316.2 | 282 | |
| 898.8 | 152.3 | 746.5 | 1 891.8 | 2 150.4 | 87 | 77 | 57.2 | 985.6 | 4 142.7 | 10 818.2 | 895.2 | 2821 | |
| 246.4 | 28.2 | 218.2 | 382.1 | 432.3 | 80 | 78 | 10.0 | 185.2 | 568.6 | 1 863.3 | 53.2 | 2822 | |
| 88.4 | 8.3 | 80.1 | 147.3 | 152.6 | (D) | (D) | 16.0 | 213.7 | 327.2 | 1 002.8 | 29.4 | 2823 | |
| 442.9 | 41.6 | 401.3 | 1 223.0 | 1 272.3 | 85 | 81 | 74.0 | 1 086.1 | 2 804.4 | 6 379.7 | 338.5 | 2824 | |
| 1 248.1 | 353.5 | 894.6 | 3 805.2 | 3 772.8 | (NA) | (NA) | 156.4 | 2 459.6 | 9 939.9 | 14 247.8 | 578.5 | 283 | |
| 103.3 | 36.0 | 67.3 | 560.0 | 518.2 | 89 | 77 | 15.7 | 210.2 | 563.4 | 898.5 | 35.4 | 2831 | |
| 283.6 | 28.5 | 255.1 | 628.3 | 650.9 | 83 | 74 | 14.4 | 219.9 | 1 162.2 | 1 889.9 | 123.8 | 2833 | |
| 861.2 | 289.0 | 572.2 | 2 616.9 | 2 603.7 | 89 | 96 | 126.4 | 2 029.5 | 8 214.4 | 11 459.4 | 419.3 | 2834 | |
| 650.1 | 146.7 | 503.4 | 2 918.9 | 3 139.8 | (NA) | (NA) | 111.6 | 1 526.1 | 9 407.2 | 16 330.7 | 334.0 | 284 | |
| 261.9 | 41.4 | 220.5 | 1 059.9 | 1 127.5 | 84 | 91 | 32.1 | 521.6 | 2 867.5 | 5 671.4 | 135.5 | 2841 | |
| 80.9 | 18.0 | 62.9 | 463.2 | 482.2 | 74 | 78 | 22.1 | 274.7 | 1 667.2 | 3 157.3 | 51.8 | 2842 | |
| 86.6 | 27.0 | 59.6 | 259.8 | 274.4 | 81 | 65 | 6.6 | 101.9 | 345.7 | 944.8 | 41.1 | 2843 | |
| 220.7 | 60.3 | 160.3 | 1 136.0 | 1 255.7 | 96 | 89 | 50.9 | 627.9 | 4 526.7 | 6 557.2 | 105.6 | 2844 | |
| 219.2 | 88.6 | 130.6 | 1 231.5 | 1 301.5 | 97 | 96 | 61.4 | 882.6 | 2 821.3 | 6 629.7 | 167.4 | 2851 | |
| 3 075.3 | 290.1 | 2 785.3 | 6 045.1 | 6 603.3 | (NA) | (NA) | 152.8 | 2 794.2 | 12 875.1 | 30 261.1 | 3 352.6 | 286 | |
| 40.2 | 6.4 | 33.7 | 159.7 | 147.9 | 84 | 77 | 4.8 | 54.0 | 185.0 | 391.3 | 27.0 | 2861 | |
| 454.7 | 42.1 | 412.6 | 1 132.4 | 1 271.5 | 76 | 68 | 35.7 | 631.5 | 2 214.4 | 5 637.0 | 443.1 | 2865 | |
| 2 580.5 | 241.5 | 2 338.9 | 4 753.0 | 5 183.9 | 74 | 82 | 112.3 | 2 108.7 | 10 475.7 | 24 232.8 | 2 882.6 | 2869 | |
| 698.7 | 92.0 | 606.7 | 2 221.6 | 2 505.7 | (NA) | (NA) | 53.9 | 784.0 | 3 807.9 | 9 932.2 | 1 107.2 | 287 | |
| 145.3 | 6.5 | 138.8 | 511.8 | 526.8 | 88 | 79 | 12.1 | 207.9 | 1 202.0 | 2 603.4 | 734.4 | 2873 | |
| 229.6 | 36.3 | 193.3 | 581.9 | 724.6 | 94 | 67 | 14.4 | 212.8 | 817.7 | 2 681.7 | 111.8 | 2874 | |
| 35.4 | 10.1 | 25.3 | 344.1 | 421.6 | 97 | 64 | 12.4 | 139.1 | 488.9 | 1 866.6 | 41.9 | 2875 | |
| 288.5 | 39.1 | 249.3 | 783.7 | 832.8 | 81 | 87 | 15.0 | 224.1 | 1 299.3 | 2 780.4 | 219.2 | 2879 | |
| 519.0 | 95.7 | 423.4 | 1 614.4 | 1 699.3 | (NA) | (NA) | 76.9 | 1 075.0 | 3 539.0 | 7 843.2 | 287.4 | 289 | |
| 70.1 | 13.0 | 57.1 | 362.6 | 376.9 | 90 | 84 | 16.7 | 230.7 | 748.7 | 1 813.1 | 39.0 | 2891 | |
| 32.9 | 8.0 | 24.9 | 101.1 | 105.3 | 91 | 96 | 12.3 | 173.2 | 410.7 | 666.3 | 26.1 | 2892 | |
| 25.5 | 6.0 | 19.5 | 196.9 | 202.8 | 98 | 97 | 10.1 | 145.1 | 367.8 | 944.9 | 17.0 | 2893 | |
| 39.4 | 3.7 | 35.7 | 80.4 | 90.7 | 100 | 95 | 2.5 | 42.5 | 170.2 | 468.4 | 22.7 | 2895 | |
| 351.3 | 65.1 | 286.2 | 873.4 | 923.5 | 85 | 84 | 35.3 | 483.4 | 1 841.7 | 3 950.6 | 182.6 | 2899 | |
| 6 578.9 | 2 471.2 | 4 107.8 | 17 179.5 | 18 442.2 | (NA) | (NA) | 146.8 | 2 696.2 | 16 377.6 | 97 452.7 | 2 261.3 | 29 | |
| 6 322.4 | 2 427.9 | 3 894.5 | 16 204.1 | 17 357.2 | 99 | 98 | 102.5 | 2 055.3 | 14 423.9 | 91 688.8 | 2 108.6 | 2911 | |
| 133.2 | 21.9 | 111.2 | 418.9 | 489.9 | (NA) | (NA) | 32.3 | 461.3 | 1 272.0 | 3 655.9 | 112.5 | 295 | |
| 76.1 | 12.3 | 63.8 | 162.1 | 182.4 | 93 | 96 | 12.8 | 189.6 | 507.8 | 1 578.3 | 57.3 | 2951 | |
| 57.1 | 9.6 | 47.5 | 256.9 | 307.5 | 95 | 98 | 19.5 | 271.7 | 764.2 | 2 077.6 | 55.2 | 2952 | |
| 123.4 | 21.4 | 102.0 | 556.5 | 595.2 | (NA) | (NA) | 11.9 | 179.6 | 681.7 | 2 108.0 | 40.1 | 299 | |
| 67.8 | 14.3 | 53.4 | 364.1 | 398.5 | 94 | 46 | 10.3 | 157.1 | 524.8 | 1 644.7 | 25.6 | 2992 | |
| 55.6 | 7.0 | 48.6 | 192.4 | 196.6 | 94 | 89 | 1.6 | 22.5 | 157.0 | 463.3 | 14.5 | 2999 | |
| 2 199.2 | 347.4 | 1 851.8 | 7 200.5 | 7 733.9 | (NA) | (NA) | 721.3 | 8 536.0 | 19 740.0 | 39 552.8 | 1 645.3 | 30 | |
| 227.0 | 24.8 | 202.1 | 1 172.6 | 1 331.8 | 99 | 98 | 114.0 | 1 832.4 | 4 347.3 | 8 971.0 | 289.0 | 3011 | |
| 12.4 | 1.1 | 11.4 | 114.0 | 132.6 | 96 | 94 | 19.8 | 159.1 | 272.3 | 517.0 | 11.3 | 3021 | |
| .5 | - | .5 | 8.8 | 9.5 | 97 | 100 | .9 | 11.5 | 24.8 | 41.6 | .5 | 3031 | |
| 114.0 | 34.2 | 79.8 | 407.3 | 460.4 | 86 | 94 | 34.4 | 457.4 | 973.5 | 1 765.7 | 55.3 | 3041 | |
| 219.3 | 42.5 | 176.8 | 858.7 | 900.2 | 86 | 90 | 98.5 | 1 164.0 | 2 351.9 | 4 565.0 | 135.0 | 3069 | |
| 1 626.0 | 244.9 | 1 381.2 | 4 639.1 | 4 899.3 | 95 | 92 | 453.7 | 4 911.7 | 11 770.1 | 23 692.6 | 1 154.2 | 3079 | |
| 132.0 | 32.8 | 99.2 | 1 520.9 | 1 588.5 | (NA) | (NA) | 242.5 | 1 859.7 | 3 718.8 | 7 607.4 | 96.2 | 31 | |
| 33.2 | 7.4 | 25.8 | 267.0 | 279.9 | 99 | 99 | 23.0 | 254.8 | 535.1 | 1 456.1 | 30.7 | 3111 | |
| 6.0 | 1.0 | 5.0 | 48.6 | 49.2 | 94 | 94 | 8.5 | 65.3 | 109.4 | 270.6 | 3.0 | 3131 | |
| 65.6 | 18.3 | 47.3 | 790.0 | 830.9 | (NA) | (NA) | 145.5 | 1 031.5 | 2 069.5 | 3 891.7 | 37.1 | 314 | |
| 3.1 | .8 | 2.4 | 46.1 | 46.4 | 96 | 98 | 8.1 | 54.5 | 108.8 | 201.2 | 2.3 | 3142 | |
| 28.3 | 9.5 | 18.8 | 399.2 | 430.5 | 89 | 95 | 55.0 | 417.0 | 871.9 | 1 734.5 | 14.5 | 3143 | |
| 20.2 | 3.2 | 17.0 | 214.5 | 223.8 | 94 | 90 | 57.6 | 388.6 | 755.0 | 1 361.2 | 9.7 | 3144 | |
| 14.0 | 4.8 | 9.2 | 130.2 | 130.2 | 82 | 81 | 24.8 | 171.4 | 333.7 | 594.8 | 10.6 | 3149 | |
| .7 | .2 | .5 | 33.0 | 35.2 | 86 | 81 | 5.5 | 33.9 | 67.6 | 178.0 | 1.9 | 3151 | |
| 12.0 | 2.5 | 9.5 | 150.7 | 156.1 | 93 | 95 | 19.2 | 164.1 | 328.0 | 654.9 | 8.1 | 3161 | |
| 8.7 | 1.5 | 7.2 | 173.8 | 177.6 | (NA) | (NA) | 32.1 | 242.2 | 472.2 | 872.0 | 11.4 | 317 | |
| 5.6 | 1.4 | 4.2 | 76.6 | 77.5 | 96 | 94 | 20.3 | 144.0 | 266.5 | 505.2 | 6.6 | 3171 | |
| 3.2 | .1 | 3.0 | 97.2 | 100.0 | 94 | 83 | 11.9 | 98.2 | 205.8 | 366.8 | 4.8 | 3172 | |
| 5.8 | 2.0 | 3.8 | 57.8 | 59.7 | 96 | 94 | 8.6 | 67.9 | 136.7 | 284.2 | 4.1 | 3199 | |

Table 3. Selected Statistics by Industry Group and Industry: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the industry reports previously published.]

| SIC code | Industry group and industry | 1982 | | | | | | | | | |
|-----------|---|------------------------|---------------------|---|-------------------|---------------------------------|--------------------|---------------------|-------------------------------|---|--|
| | | Companies¹ (number) | All establishments² | | All employees | | Production workers | | | Value added by manu- facture³ (million dollars) | Value of shipments⁴ (million dollars) |
| | | | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | |
| 32 | Stone, clay, and glass products ----- | 13 261 | 16 545 | 4 753 | 531.5 | 10 096.7 | 408.4 | 796.3 | 7 163.6 | 22 985.7 | 45 180.6 |
| 3211 | Flat glass ----- | 49 | 69 | 33 | 15.3 | 413.8 | 12.0 | 24.6 | 322.0 | 846.5 | 1 665.5 |
| 322 | Glass and glassware, pressed or blown ----- | (NA) | 459 | 229 | 96.6 | 2 032.4 | 81.2 | 157.8 | 1 626.7 | 4 482.2 | 7 940.8 |
| 3221 | Glass containers ----- | 41 | 128 | 113 | 59.0 | 1 306.4 | 51.7 | 101.0 | 1 092.3 | 2 739.1 | 5 216.8 |
| 3229 | Pressed and blown glass, n.e.c. ----- | 278 | 331 | 116 | 37.6 | 726.0 | 29.5 | 56.8 | 534.4 | 1 743.1 | 2 724.0 |
| 3231 | Products of purchased glass ----- | 1 228 | 1 337 | 387 | 41.3 | 696.3 | 31.5 | 60.8 | 466.7 | 1 483.7 | 2 976.5 |
| 3241 | Cement, hydraulic ----- | 119 | 237 | 160 | 24.6 | 636.4 | 19.1 | 36.5 | 473.6 | 1 815.7 | 3 542.0 |
| 325 | Structural clay products ----- | (NA) | 628 | 371 | 29.9 | 490.5 | 23.4 | 45.9 | 347.0 | 989.2 | 1 868.1 |
| 3251 | Brick and structural clay tile ----- | 195 | 294 | 185 | 12.5 | 185.4 | 9.9 | 19.7 | 130.1 | 338.6 | 657.3 |
| 3253 | Ceramic wall and floor tile ----- | 77 | 97 | 52 | 7.5 | 114.2 | 6.1 | 12.3 | 80.2 | 256.1 | 406.9 |
| 3255 | Clay refractories ----- | 104 | 159 | 103 | 7.6 | 155.2 | 5.6 | 10.4 | 109.3 | 316.5 | 670.3 |
| 3259 | Structural clay products, n.e.c. ----- | 67 | 78 | 31 | 2.3 | 35.7 | 1.8 | 3.6 | 27.4 | 77.9 | 133.6 |
| 326 | Pottery and related products ----- | (NA) | 910 | 238 | 37.4 | 598.0 | 30.7 | 56.5 | 442.2 | 1 173.5 | 1 761.9 |
| 3261 | Vitreous plumbing fixtures ----- | 41 | 56 | 35 | 7.9 | 142.9 | 6.6 | 12.6 | 114.5 | 313.9 | 474.0 |
| 3262 | Vitreous china food utensils ----- | 31 | 32 | 20 | 6.3 | 98.0 | 5.1 | 9.1 | 74.2 | 196.3 | 241.6 |
| 3263 | Fine earthenware food utensils ----- | 38 | 38 | 18 | 3.0 | 37.1 | 2.5 | 4.5 | 29.4 | 61.6 | 87.6 |
| 3264 | Porcelain electrical supplies ----- | 79 | 90 | 62 | 10.1 | 197.1 | 8.0 | 14.8 | 132.3 | 350.0 | 528.0 |
| 3269 | Pottery products, n.e.c. ----- | 682 | 694 | 103 | 10.1 | 122.9 | 8.6 | 15.4 | 91.8 | 251.7 | 430.6 |
| 327 | Concrete, gypsum, and plaster products ----- | (NA) | 9 933 | 2 362 | 167.2 | 2 994.6 | 123.4 | 245.1 | 2 006.5 | 6 603.3 | 14 946.7 |
| 3271 | Concrete block and brick ----- | 1 039 | 1 155 | 251 | 15.5 | 261.9 | 9.1 | 17.8 | 133.7 | 577.8 | 1 301.8 |
| 3272 | Concrete products, n.e.c. ----- | 2 750 | 3 173 | 729 | 55.7 | 961.7 | 42.5 | 84.8 | 649.2 | 2 006.4 | 3 649.2 |
| 3273 | Ready-mixed concrete ----- | 4 161 | 5 379 | 1 239 | 81.4 | 1 475.3 | 60.4 | 118.5 | 1 005.3 | 3 282.1 | 8 163.3 |
| 3274 | Lime ----- | 59 | 87 | 59 | 5.6 | 108.6 | 4.4 | 8.5 | 79.4 | 245.0 | 543.2 |
| 3275 | Gypsum products ----- | 70 | 139 | 84 | 9.1 | 186.9 | 7.1 | 15.5 | 138.9 | 492.1 | 1 289.2 |
| 3281 | Cut stone and stone products ----- | 698 | 711 | 132 | 10.5 | 155.9 | 8.5 | 16.5 | 118.5 | 295.2 | 555.4 |
| 329 | Miscellaneous nonmetallic mineral products ----- | (NA) | 2 261 | 841 | 108.8 | 2 079.0 | 78.5 | 152.7 | 1 360.3 | 5 296.3 | 9 923.8 |
| 3291 | Abrasive products ----- | 326 | 374 | 177 | 26.0 | 531.8 | 17.0 | 31.6 | 305.1 | 1 451.8 | 2 750.7 |
| 3292 | Asbestos products ----- | 77 | 96 | 53 | 9.7 | 179.8 | 7.4 | 14.6 | 126.6 | 397.4 | 842.8 |
| 3293 | Gaskets, packing, and sealing devices ----- | 409 | 473 | 241 | 30.3 | 495.4 | 21.8 | 41.5 | 307.9 | 997.6 | 1 666.0 |
| 3295 | Minerals, ground or treated ----- | 279 | 437 | 143 | 10.0 | 190.3 | 7.5 | 14.4 | 129.6 | 639.4 | 1 269.9 |
| 3296 | Mineral wool ----- | 130 | 179 | 94 | 19.7 | 438.9 | 15.5 | 31.9 | 334.2 | 1 236.7 | 2 281.1 |
| 3297 | Nonclay refractories ----- | 77 | 119 | 66 | 6.8 | 148.4 | 4.6 | 8.7 | 93.0 | 333.1 | 691.0 |
| 3299 | Nonmetallic mineral products, n.e.c. ----- | 569 | 583 | 67 | 6.5 | 94.5 | 4.8 | 10.0 | 63.9 | 240.3 | 422.3 |
| 33 | Primary metal industries ----- | 5604 | 7 061 | 3 909 | 854.1 | 20 602.7 | 637.7 | 1 166.8 | 14 465.8 | 33 291.4 | 104 666.8 |
| 331 | Blast furnace and basic steel products ----- | (NA) | 1 068 | 708 | 365.7 | 10 262.0 | 266.7 | 471.2 | 7 271.6 | 14 721.5 | 46 720.2 |
| 3312 | Blast furnaces and steel mills ----- | 211 | 301 | 223 | 295.8 | 8 677.9 | 215.2 | 375.7 | 6 181.6 | 11 763.3 | 36 824.4 |
| 3313 | Electrometallurgical products ----- | 32 | 41 | 26 | 5.3 | 123.5 | 3.9 | 7.0 | 85.5 | 180.3 | 707.5 |
| 3315 | Steel wire and related products ----- | 252 | 311 | 186 | 22.2 | 444.5 | 16.4 | 31.3 | 298.4 | 941.8 | 2 420.9 |
| 3316 | Cold finishing of steel shapes ----- | 146 | 192 | 106 | 15.4 | 367.9 | 10.9 | 19.7 | 245.6 | 623.3 | 3 005.1 |
| 3317 | Steel pipe and tubes ----- | 170 | 223 | 167 | 27.0 | 648.1 | 20.3 | 37.6 | 460.6 | 1 212.7 | 3 762.2 |
| 332 | Iron and steel foundries ----- | (NA) | 1 438 | 1 002 | 157.4 | 3 113.1 | 123.9 | 222.0 | 2 248.3 | 5 361.5 | 9 641.5 |
| 3321 | Gray iron foundries ----- | 801 | 925 | 635 | 97.3 | 1 965.0 | 78.2 | 139.8 | 1 463.0 | 3 310.5 | 6 202.2 |
| 3322 | Malleable iron foundries ----- | 46 | 50 | 31 | 6.5 | 135.7 | 4.8 | 8.2 | 89.3 | 206.3 | 323.2 |
| 3324 | Steel investment foundries ----- | 117 | 132 | 108 | 16.8 | 299.4 | 12.6 | 24.4 | 197.2 | 635.7 | 1 024.6 |
| 3325 | Steel foundries, n.e.c. ----- | 290 | 331 | 228 | 36.9 | 713.0 | 28.4 | 49.6 | 498.8 | 1 209.0 | 2 091.4 |
| 333 | Primary nonferrous metals ----- | (NA) | 161 | 94 | 43.9 | 1 306.6 | 31.9 | 62.2 | 928.3 | 2 310.9 | 11 320.8 |
| 3331 | Primary copper ----- | 7 | 22 | 20 | 7.6 | 216.9 | 5.9 | 12.0 | 169.0 | 440.4 | 3 077.5 |
| 3332 | Primary lead ----- | 5 | 7 | 7 | 2.2 | 57.3 | 1.7 | 3.3 | 43.5 | 94.8 | 559.3 |
| 3333 | Primary zinc ----- | 8 | 8 | 7 | 2.0 | 54.1 | 1.5 | 3.0 | 36.4 | 60.6 | 334.0 |
| 3334 | Primary aluminum ----- | 15 | 34 | 29 | 22.9 | 733.1 | 16.9 | 32.3 | 525.1 | 1 133.9 | 5 037.1 |
| 3339 | Primary nonferrous metals, n.e.c. ----- | 85 | 90 | 31 | 9.2 | 245.2 | 6.0 | 11.5 | 154.3 | 581.3 | 2 312.9 |
| 3341 | Secondary nonferrous metals ----- | 396 | 458 | 212 | 19.2 | 402.2 | 13.5 | 26.3 | 246.4 | 619.8 | 4 851.9 |
| 335 | Nonferrous rolling and drawing ----- | (NA) | 1 022 | 735 | 166.7 | 3 636.2 | 121.8 | 233.4 | 2 450.4 | 6 821.7 | 25 462.9 |
| 3351 | Copper rolling and drawing ----- | 102 | 137 | 95 | 23.3 | 468.2 | 17.2 | 32.6 | 322.9 | 957.7 | 3 270.0 |
| 3353 | Aluminum sheet, plate, and foil ----- | 39 | 56 | 43 | 27.7 | 862.1 | 21.0 | 39.9 | 639.9 | 1 154.0 | 7 213.8 |
| 3354 | Aluminum extruded products ----- | 134 | 193 | 151 | 25.4 | 499.0 | 19.3 | 38.0 | 344.1 | 859.3 | 2 673.1 |
| 3355 | Aluminum rolling and drawing, n.e.c. ----- | 24 | 27 | 15 | 2.6 | 65.0 | 1.9 | 3.5 | 44.2 | 30.7 | 670.8 |
| 3356 | Nonferrous rolling and drawing, n.e.c. ----- | 144 | 169 | 91 | 20.0 | 472.2 | 12.6 | 24.0 | 263.7 | 993.3 | 3 418.3 |
| 3357 | Nonferrous wire drawing and insulating ----- | 271 | 440 | 340 | 67.6 | 1 269.6 | 49.8 | 95.5 | 835.6 | 2 826.6 | 8 216.9 |
| 336 | Nonferrous foundries ----- | (NA) | 1 907 | 785 | 75.4 | 1 385.1 | 60.7 | 114.3 | 1 002.8 | 2 458.1 | 4 603.2 |
| 3361 | Aluminum foundries ----- | 994 | 1 052 | 477 | 49.2 | 926.2 | 40.2 | 76.2 | 688.6 | 1 612.6 | 3 013.6 |
| 3362 | Brass, bronze, and copper foundries ----- | 487 | 499 | 162 | 11.8 | 201.8 | 9.2 | 16.6 | 138.5 | 381.9 | 702.2 |
| 3369 | Nonferrous foundries, n.e.c. ----- | 348 | 356 | 146 | 14.4 | 257.1 | 11.4 | 21.5 | 175.7 | 463.6 | 887.5 |
| 339 | Miscellaneous primary metal products ----- | (NA) | 1 007 | 368 | 25.9 | 497.5 | 19.1 | 37.4 | 317.9 | 997.9 | 2 066.3 |
| 3398 | Metal heat treating ----- | 669 | 758 | 288 | 17.7 | 324.2 | 13.5 | 26.9 | 216.6 | 684.5 | 1 128.2 |
| 3399 | Primary metal products, n.e.c. ----- | 238 | 249 | 80 | 8.2 | 173.4 | 5.6 | 10.6 | 101.4 | 313.5 | 938.1 |

See footnotes at end of table.

These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| 1982—Con. | | | | | | | 1977 | | | | | |
|---------------------------------------|---|---|-------------------------------|-------------------------------------|--------------------------|--------------------|----------------|---------------------------|--|---|---|----------|
| New capital expenditures ⁵ | | | Inventories ³ | | Ratios | | All employees | | Value added by manufacture (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures ⁵ (million dollars) | SIC code |
| Total (million dollars) | Structures and additions to plant (million dollars) | Machinery and equipment (million dollars) | End of year (million dollars) | Beginning of year (million dollars) | Specialization (percent) | Coverage (percent) | Number (1,000) | Payroll (million dollars) | | | | |
| 2 309.0 | 343.4 | 1 965.5 | 6 710.4 | 6 936.8 | (NA) | (NA) | 613.7 | 7 943.1 | 19 129.6 | 35 476.6 | 1 881.4 | 32 |
| 97.6 | 7.5 | 90.1 | 287.3 | 271.2 | 95 | (D) | 21.9 | 401.0 | 931.0 | 1 576.6 | 81.1 | 3211 |
| 530.7 | 86.1 | 444.7 | 1 374.3 | 1 358.0 | (NA) | (NA) | 117.0 | 1 548.2 | 3 592.0 | 5 784.2 | 364.5 | 322 |
| 297.4 | 30.3 | 267.1 | 799.4 | 776.8 | 99 | 100 | 70.8 | 975.4 | 2 138.9 | 3 664.2 | 220.9 | 3221 |
| 233.3 | 55.7 | 177.6 | 575.0 | 581.2 | 97 | 97 | 46.2 | 572.8 | 1 453.1 | 2 120.1 | 143.6 | 3229 |
| 119.1 | 25.3 | 93.7 | 476.1 | 485.2 | 95 | (D) | 36.2 | 429.2 | 960.2 | 1 842.4 | 73.4 | 3231 |
| 421.9 | 49.2 | 372.7 | 800.0 | 792.9 | 98 | 99 | 27.8 | 485.1 | 1 671.5 | 3 042.3 | 296.6 | 3241 |
| 56.9 | 11.1 | 45.8 | 521.0 | 585.4 | (NA) | (NA) | 45.0 | 486.4 | 1 057.8 | 1 852.0 | 82.3 | 325 |
| 25.7 | 5.3 | 20.4 | 213.5 | 239.6 | 98 | 99 | 20.5 | 197.3 | 467.9 | 777.7 | 49.6 | 3251 |
| 7.7 | .9 | 6.8 | 77.4 | 83.1 | 100 | 97 | 7.8 | 78.3 | 155.4 | 252.5 | 6.6 | 3253 |
| 21.2 | 4.6 | 16.5 | 191.3 | 221.4 | 92 | 94 | 11.3 | 146.8 | 308.4 | 607.2 | 20.0 | 3255 |
| 2.3 | .2 | 2.1 | 38.9 | 41.4 | 98 | 96 | 5.5 | 64.0 | 126.1 | 214.6 | 6.1 | 3259 |
| 79.6 | 16.5 | 63.1 | 322.3 | 320.4 | (NA) | (NA) | 43.2 | 459.6 | 893.6 | 1 260.9 | 45.2 | 326 |
| 28.8 | 5.9 | 22.9 | 82.2 | 81.6 | 91 | 99 | 9.2 | 117.2 | 277.3 | 411.4 | 7.3 | 3261 |
| 5.2 | .7 | 4.5 | 61.2 | 58.0 | 84 | 98 | 7.3 | 72.3 | 140.0 | 170.7 | 5.4 | 3262 |
| 1.7 | .5 | 1.2 | 20.8 | 22.9 | 87 | 82 | 4.7 | 38.4 | 61.2 | 81.3 | 1.7 | 3263 |
| 25.9 | 3.5 | 22.3 | 111.1 | 110.0 | 85 | 87 | 11.4 | 144.4 | 253.9 | 367.5 | 20.9 | 3264 |
| 18.0 | 5.9 | 12.1 | 47.1 | 47.9 | 98 | 86 | 10.6 | 87.4 | 161.2 | 230.0 | 9.8 | 3269 |
| 569.2 | 78.2 | 491.0 | 1 151.9 | 1 199.4 | (NA) | (NA) | 183.7 | 2 366.8 | 5 390.8 | 11 804.8 | 604.8 | 327 |
| 37.6 | 4.8 | 32.7 | 198.3 | 205.9 | 95 | 87 | 18.7 | 237.1 | 520.3 | 1 143.8 | 55.6 | 3271 |
| 127.7 | 22.8 | 104.8 | 443.3 | 469.0 | 97 | 95 | 61.7 | 734.9 | 1 529.3 | 2 736.2 | 134.4 | 3272 |
| 282.4 | 24.1 | 258.3 | 333.5 | 325.0 | 95 | 98 | 87.9 | 1 175.8 | 2 693.2 | 6 440.6 | 353.1 | 3273 |
| 36.0 | 8.4 | 27.6 | 66.4 | 76.9 | 89 | 92 | 7.5 | 75.4 | 218.2 | 484.2 | 29.7 | 3274 |
| 85.5 | 17.9 | 67.5 | 110.4 | 122.5 | 93 | 98 | 9.5 | 143.6 | 429.6 | 1 000.0 | 31.9 | 3275 |
| 23.9 | 3.4 | 20.5 | 70.0 | 69.8 | 97 | 98 | 12.7 | 131.5 | 238.2 | 393.0 | 10.4 | 3281 |
| 410.1 | 66.2 | 343.9 | 1 707.5 | 1 854.6 | (NA) | (NA) | 126.2 | 1 635.2 | 4 394.5 | 7 920.2 | 323.1 | 329 |
| 96.9 | 17.4 | 79.5 | 563.1 | 608.3 | 83 | 95 | 28.3 | 392.3 | 1 097.7 | 1 955.8 | 48.7 | 3291 |
| 31.3 | 5.7 | 25.6 | 148.0 | 174.8 | 92 | 91 | 13.9 | 179.9 | 439.3 | 882.1 | 26.0 | 3292 |
| 53.0 | 5.6 | 47.5 | 339.0 | 355.1 | 93 | 89 | 33.0 | 371.3 | 748.3 | 1 267.1 | 46.5 | 3293 |
| 75.0 | 13.6 | 61.3 | 193.8 | 198.4 | 98 | 93 | 11.5 | 156.3 | 479.4 | 957.3 | 50.2 | 3295 |
| 67.0 | 12.7 | 54.4 | 180.1 | 199.2 | 97 | 97 | 22.6 | 313.8 | 1 053.7 | 1 790.5 | 85.9 | 3296 |
| 48.5 | 6.8 | 41.7 | 222.9 | 250.7 | 86 | 82 | 9.1 | 134.3 | 352.1 | 680.2 | 37.1 | 3297 |
| 38.3 | 4.4 | 33.9 | 60.6 | 68.0 | 95 | 87 | 7.7 | 87.2 | 224.1 | 387.3 | 28.7 | 3299 |
| 4 666.1 | 579.0 | 4 087.0 | 23 857.8 | 28 395.7 | (NA) | (NA) | 1 113.6 | 18 745.0 | 37 568.2 | 103 179.4 | 4 496.8 | 33 |
| 2 425.1 | 180.8 | 2 244.3 | 12 502.3 | 15 488.7 | (NA) | (NA) | 529.7 | 10 085.5 | 18 318.4 | 50 582.1 | 2 442.7 | 331 |
| 2 170.2 | 149.8 | 2 020.4 | 10 043.6 | 12 555.6 | 98 | 79 | 441.9 | 8 725.7 | 15 331.9 | 41 998.2 | 2 143.0 | 3312 |
| 23.8 | 3.3 | 20.5 | 371.0 | 416.8 | 97 | 87 | 8.9 | 139.2 | 274.6 | 930.6 | 53.2 | 3313 |
| 61.4 | 10.0 | 51.4 | 498.6 | 581.5 | 97 | 44 | 31.7 | 436.6 | 924.4 | 2 258.6 | 79.4 | 3315 |
| 45.2 | 5.2 | 40.0 | 682.8 | 795.1 | 92 | 32 | 19.4 | 334.6 | 799.6 | 2 713.2 | 49.6 | 3316 |
| 124.5 | 12.6 | 112.0 | 906.4 | 1 139.8 | 94 | 47 | 27.8 | 449.4 | 987.9 | 2 681.4 | 117.5 | 3317 |
| 482.5 | 60.3 | 422.1 | 1 251.2 | 1 456.6 | (NA) | (NA) | 222.3 | 3 329.2 | 6 236.7 | 10 830.2 | 658.8 | 332 |
| 338.0 | 32.6 | 305.5 | 750.0 | 842.4 | 94 | 91 | 138.8 | 2 146.0 | 4 070.7 | 7 388.7 | 503.1 | 3321 |
| 11.9 | .4 | 11.5 | 25.3 | 30.8 | 89 | 77 | 18.2 | 273.0 | 458.8 | 721.9 | 28.9 | 3322 |
| 32.9 | 6.6 | 26.3 | 162.6 | 194.3 | 91 | 96 | 10.5 | 128.7 | 267.4 | 407.5 | 10.9 | 3324 |
| 99.6 | 20.7 | 78.9 | 313.2 | 389.0 | 90 | 92 | 54.8 | 781.5 | 1 439.8 | 2 312.1 | 115.9 | 3325 |
| 412.5 | 130.5 | 282.1 | 2 475.5 | 2 589.6 | (NA) | (NA) | 57.3 | 1 032.1 | 3 618.6 | 10 660.2 | 587.2 | 333 |
| 112.8 | 59.7 | 53.1 | 445.9 | 457.8 | 91 | 69 | 13.1 | 217.3 | 904.3 | 3 918.1 | (D) | 3331 |
| 17.4 | 11.7 | 5.8 | 90.8 | 83.4 | (D) | 44 | 2.5 | 40.5 | 189.5 | 699.6 | (D) | 3332 |
| 17.4 | .8 | 16.6 | 78.8 | 90.6 | 88 | 53 | 4.6 | 70.5 | 114.3 | 430.7 | 39.8 | 3333 |
| 181.2 | 43.5 | 137.7 | 1 389.3 | 1 522.7 | 97 | 73 | 28.6 | 555.0 | 1 980.9 | 4 647.8 | 158.7 | 3334 |
| 83.6 | 14.7 | 68.9 | 470.8 | 435.2 | 78 | 50 | 8.6 | 148.8 | 429.5 | 963.9 | 97.1 | 3339 |
| 146.4 | 33.5 | 112.9 | 842.0 | 1 056.8 | 97 | 31 | 18.9 | 269.8 | 769.3 | 3 558.0 | 114.3 | 3341 |
| 933.2 | 132.5 | 800.7 | 5 830.1 | 6 641.6 | (NA) | (NA) | 177.4 | 2 640.0 | 5 902.3 | 22 227.3 | 460.5 | 335 |
| 123.9 | 16.3 | 107.6 | 557.1 | 592.7 | 90 | 95 | 31.3 | 455.5 | 973.7 | 4 013.8 | 64.4 | 3351 |
| 260.4 | 24.2 | 236.2 | 2 300.2 | 2 520.7 | 95 | 99 | 31.4 | 613.5 | 1 340.6 | 5 970.7 | 157.7 | 3353 |
| 114.7 | 19.1 | 95.6 | 489.7 | 606.2 | 89 | 91 | 26.5 | 355.9 | 678.6 | 2 050.0 | 48.2 | 3354 |
| 5.5 | .2 | 5.3 | 117.3 | 233.7 | 77 | 7 | 4.7 | 78.1 | 222.8 | 1 001.0 | 16.1 | 3355 |
| 134.4 | 27.6 | 106.8 | 1 070.2 | 1 197.2 | 94 | 92 | 17.2 | 260.2 | 569.0 | 2 596.5 | 34.3 | 3356 |
| 294.4 | 45.1 | 249.3 | 1 295.6 | 1 491.1 | 97 | 88 | 66.3 | 876.8 | 2 117.6 | 6 595.4 | 139.8 | 3357 |
| 172.2 | 29.8 | 142.4 | 489.0 | 571.4 | (NA) | (NA) | 82.1 | 1 043.8 | 1 959.6 | 3 826.1 | 163.7 | 336 |
| 126.4 | 23.0 | 103.4 | 281.1 | 328.8 | 88 | 92 | 52.2 | 691.4 | 1 262.7 | 2 459.1 | 121.1 | 3361 |
| 19.3 | 2.9 | 16.4 | 92.7 | 109.4 | 88 | 85 | 12.6 | 148.3 | 283.0 | 553.3 | 17.9 | 3362 |
| 26.5 | 3.9 | 22.6 | 115.2 | 133.3 | 86 | 79 | 17.3 | 204.1 | 413.9 | 813.7 | 24.7 | 3369 |
| 94.2 | 11.7 | 82.5 | 467.7 | 590.9 | (NA) | (NA) | 36.0 | 344.5 | 763.3 | 1 495.5 | 69.5 | 339 |
| 42.5 | 6.2 | 36.3 | 98.1 | 139.7 | 95 | 97 | 16.9 | 220.1 | 466.8 | 744.9 | 42.2 | 3398 |
| 51.7 | 5.5 | 46.2 | 369.6 | 451.2 | 87 | 82 | 9.0 | 124.4 | 296.5 | 750.6 | 27.3 | 3399 |

Table 3. Selected Statistics by Industry Group and Industry: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendices. Data in this table may differ slightly from the industry reports previously published.]

| SIC code | Industry group and industry | 1982 | | | | | | | | | |
|-----------|---|------------------------|---------------------|---|-------------------|---------------------------------|--------------------|---------------------|-------------------------------|--|--|
| | | Companies¹ (number) | All establishments² | | All employees | | Production workers | | | Value added by manu- facture³ (million dollars) | Value of shipments⁴ (million dollars) |
| | | | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | |
| 34 | Fabricated metal products | 31 690 | 35 560 | 13 642 | 1 459.7 | 28 282.6 | 1 073.3 | 2 070.4 | 18 455.8 | 58 927.6 | 119 444.0 |
| 341 | Metal cans and shipping containers .. | (NA) | 566 | 403 | 58.9 | 1 533.0 | 48.4 | 96.3 | 1 202.7 | 4 443.3 | 12 171.5 |
| 3411 | Metal cans | 168 | 397 | 294 | 49.0 | 1 334.5 | 40.8 | 81.5 | 1 066.4 | 4 071.7 | 11 132.8 |
| 3412 | Metal barrels, drums, and pails | 115 | 169 | 109 | 9.9 | 198.6 | 7.6 | 14.8 | 136.3 | 371.7 | 1 038.7 |
| 342 | Cutlery, hand tools, and hardware | (NA) | 2 238 | 939 | 140.9 | 2 584.5 | 106.3 | 200.1 | 1 723.3 | 6 040.7 | 10 081.7 |
| 3421 | Cutlery | 123 | 132 | 69 | 13.0 | 223.7 | 10.5 | 20.1 | 161.2 | 683.6 | 938.0 |
| 3423 | Hand and edge tools, n.e.c. | 703 | 786 | 322 | 40.4 | 706.5 | 29.8 | 55.4 | 448.8 | 1 785.2 | 2 915.5 |
| 3425 | Hand saws and saw blades | 119 | 135 | 62 | 7.4 | 133.4 | 5.3 | 10.5 | 83.2 | 251.8 | 487.3 |
| 3429 | Hardware, n.e.c. | 1 085 | 1 185 | 486 | 80.1 | 1 520.9 | 60.8 | 114.1 | 1 030.2 | 3 320.1 | 5 740.9 |
| 343 | Plumbing and heating, except electric .. | (NA) | 1 177 | 398 | 47.9 | 820.7 | 34.0 | 63.8 | 499.1 | 2 022.6 | 4 003.3 |
| 3431 | Metal sanitary ware | 23 | 86 | 35 | 7.5 | 139.4 | 5.7 | 10.8 | 97.0 | 308.1 | 620.3 |
| 3432 | Plumbing fittings and brass goods .. | 162 | 186 | 103 | 14.4 | 237.9 | 11.1 | 21.2 | 156.9 | 672.1 | 1 300.5 |
| 3433 | Heating equipment, except electric .. | 875 | 905 | 260 | 26.0 | 443.4 | 17.1 | 31.8 | 245.2 | 1 042.4 | 2 082.5 |
| 344 | Fabricated structural metal products .. | (NA) | 12 681 | 4 669 | 421.9 | 7 897.2 | 300.4 | 586.7 | 4 955.8 | 15 466.3 | 34 904.3 |
| 3441 | Fabricated structural metal | 2 588 | 2 740 | 1 161 | 103.6 | 1 990.2 | 75.5 | 151.5 | 1 296.4 | 3 639.1 | 8 853.1 |
| 3442 | Metal doors, sash, and trim | 1 564 | 1 738 | 673 | 66.3 | 1 015.8 | 47.6 | 92.0 | 608.1 | 2 175.1 | 4 685.3 |
| 3443 | Fabricated plate work (boiler shops) | 1 743 | 1 929 | 967 | 102.9 | 2 180.3 | 73.3 | 141.5 | 1 393.2 | 4 135.7 | 8 225.3 |
| 3444 | Sheet metal work | 3 579 | 3 795 | 1 131 | 81.1 | 1 494.6 | 58.9 | 114.4 | 949.8 | 3 024.1 | 6 853.9 |
| 3446 | Architectural metal work | 1 380 | 1 417 | 241 | 22.8 | 366.0 | 16.0 | 30.7 | 230.6 | 705.0 | 1 367.5 |
| 3448 | Prefabricated metal buildings | 518 | 570 | 239 | 23.7 | 435.7 | 15.2 | 29.9 | 242.8 | 877.4 | 2 324.6 |
| 3449 | Miscellaneous metal work | 401 | 492 | 257 | 21.5 | 414.7 | 14.1 | 26.7 | 234.8 | 909.9 | 2 594.6 |
| 345 | Screw machine products, bolts, etc. .. | (NA) | 2 690 | 1 093 | 94.0 | 1 726.9 | 70.9 | 134.3 | 1 147.8 | 3 309.2 | 5 834.4 |
| 3451 | Screw machine products | 1 744 | 1 787 | 643 | 41.8 | 718.9 | 33.7 | 65.2 | 503.2 | 1 328.0 | 2 173.1 |
| 3452 | Bolts, nuts, rivets, and washers | 780 | 903 | 450 | 52.2 | 1 008.1 | 37.2 | 69.1 | 644.6 | 1 981.2 | 3 661.3 |
| 346 | Metal forgings and stampings | (NA) | 4 019 | 1 892 | 236.3 | 5 110.2 | 183.7 | 353.5 | 3 644.8 | 9 709.8 | 20 057.1 |
| 3462 | Iron and steel forgings | 336 | 380 | 220 | 30.7 | 690.7 | 22.4 | 40.7 | 462.9 | 1 347.6 | 2 943.5 |
| 3463 | Nonferrous forgings | 59 | 64 | 46 | 7.9 | 200.7 | 5.7 | 10.6 | 128.7 | 461.2 | 1 093.8 |
| 3465 | Automotive stampings | 566 | 668 | 434 | 90.5 | 2 292.6 | 74.5 | 145.2 | 1 792.4 | 4 114.4 | 8 777.4 |
| 3466 | Crowns and closures | 48 | 64 | 36 | 6.7 | 143.5 | 5.4 | 10.6 | 106.8 | 372.4 | 804.8 |
| 3469 | Metal stampings, n.e.c. | 2 718 | 2 843 | 1 156 | 100.4 | 1 782.7 | 75.6 | 146.3 | 1 154.0 | 3 414.2 | 6 437.7 |
| 347 | Metal services, n.e.c. | (NA) | 5 070 | 1 405 | 96.9 | 1 518.2 | 77.2 | 152.2 | 1 035.5 | 2 896.5 | 5 124.8 |
| 3471 | Plating and polishing | 3 367 | 3 450 | 898 | 61.9 | 919.0 | 49.7 | 98.1 | 631.9 | 1 693.9 | 2 731.4 |
| 3479 | Metal coating and allied services .. | 1 524 | 1 620 | 507 | 35.0 | 599.1 | 27.5 | 54.1 | 403.7 | 1 202.6 | 2 393.4 |
| 348 | Ordnance and accessories, n.e.c. | (NA) | 349 | 155 | 79.4 | 1 779.7 | 50.5 | 95.3 | 941.1 | 3 441.5 | 4 992.9 |
| 3482 | Small arms ammunition | 59 | 66 | 19 | 10.1 | 221.6 | 7.4 | 14.1 | 142.7 | 518.4 | 799.8 |
| 3483 | Ammunition, except for small arms, n.e.c. | 63 | 74 | 53 | 24.4 | 497.5 | 15.9 | 29.1 | 265.0 | 1 125.0 | 1 757.1 |
| 3484 | Small arms | 138 | 144 | 44 | 17.4 | 338.2 | 13.0 | 25.0 | 210.3 | 715.7 | 1 032.1 |
| 3489 | Ordnance and accessories, n.e.c. | 65 | 65 | 39 | 27.5 | 722.4 | 14.3 | 27.1 | 323.1 | 1 082.4 | 1 403.8 |
| 349 | Miscellaneous fabricated metal products | (NA) | 6 770 | 2 688 | 283.6 | 5 312.1 | 202.0 | 388.3 | 3 305.7 | 11 597.6 | 22 274.1 |
| 3493 | Steel springs, except wire | 123 | 137 | 55 | 5.2 | 103.5 | 3.8 | 6.8 | 67.3 | 204.5 | 413.5 |
| 3494 | Valves and pipe fittings | 944 | 1 161 | 726 | 115.2 | 2 334.6 | 75.3 | 144.2 | 1 343.5 | 5 224.4 | 9 039.9 |
| 3495 | Wire springs | 322 | 432 | 236 | 17.9 | 294.1 | 14.5 | 27.5 | 208.8 | 596.8 | 1 104.3 |
| 3496 | Miscellaneous fabricated wire products | 1 109 | 1 182 | 445 | 36.8 | 580.3 | 27.8 | 53.2 | 375.1 | 1 167.3 | 2 358.4 |
| 3497 | Metal foil and leaf | 80 | 97 | 68 | 10.8 | 243.1 | 8.0 | 16.0 | 172.4 | 662.8 | 1 846.3 |
| 3498 | Fabricated pipe and fittings | 704 | 779 | 348 | 32.7 | 650.7 | 23.8 | 46.3 | 423.5 | 1 437.5 | 3 105.8 |
| 3499 | Fabricated metal products, n.e.c. | 2 910 | 2 982 | 810 | 65.0 | 1 105.8 | 48.8 | 94.2 | 715.2 | 2 304.5 | 4 406.0 |
| 35 | Machinery, except electrical | 49 091 | 52 912 | 14 264 | 2 188.7 | 46 910.7 | 1 358.0 | 2 596.8 | 25 093.1 | 102 269.8 | 187 895.7 |
| 351 | Engines and turbines | (NA) | 341 | 208 | 112.0 | 2 849.7 | 71.3 | 132.8 | 1 654.3 | 6 069.3 | 13 039.7 |
| 3511 | Turbines and turbine generator sets | 71 | 88 | 49 | 32.4 | 870.8 | 18.9 | 37.4 | 431.6 | 2 152.9 | 3 676.3 |
| 3519 | Internal combustion engines, n.e.c. .. | 202 | 253 | 159 | 79.6 | 1 979.0 | 52.4 | 95.4 | 1 222.6 | 3 916.4 | 9 363.4 |
| 352 | Farm and garden machinery | (NA) | 2 078 | 704 | 113.8 | 2 385.6 | 75.4 | 138.2 | 1 404.5 | 6 146.3 | 13 108.2 |
| 3523 | Farm machinery and equipment | 1 787 | 1 903 | 620 | 96.1 | 2 067.4 | 62.9 | 113.6 | 1 205.8 | 5 200.8 | 10 743.0 |
| 3524 | Lawn and garden equipment | 151 | 175 | 84 | 17.8 | 318.1 | 12.4 | 24.6 | 198.7 | 945.5 | 2 365.2 |
| 353 | Construction and related machinery .. | (NA) | 3 952 | 1 865 | 325.8 | 7 332.3 | 197.7 | 365.1 | 3 976.4 | 16 453.3 | 32 037.5 |
| 3531 | Construction machinery | 817 | 939 | 444 | 115.5 | 2 653.1 | 72.8 | 122.6 | 1 522.5 | 5 477.8 | 11 657.9 |
| 3532 | Mining machinery | 316 | 369 | 175 | 24.6 | 522.1 | 14.3 | 25.9 | 275.4 | 1 113.0 | 2 109.3 |
| 3533 | Oil field machinery | 848 | 1 015 | 498 | 98.5 | 2 341.9 | 60.0 | 120.1 | 1 292.4 | 6 545.8 | 11 195.1 |
| 3534 | Elevators and moving stairways | 148 | 165 | 83 | 13.0 | 270.7 | 7.7 | 15.1 | 137.0 | 589.4 | 1 120.7 |
| 3535 | Conveyors and conveying equipment | 646 | 699 | 363 | 36.6 | 759.1 | 20.4 | 39.8 | 346.7 | 1 472.7 | 2 946.7 |
| 3536 | Hoists, cranes, and monorails | 255 | 276 | 127 | 13.7 | 290.7 | 8.2 | 15.3 | 152.3 | 532.2 | 1 085.6 |
| 3537 | Industrial trucks and tractors | 463 | 489 | 175 | 24.0 | 494.7 | 14.3 | 26.2 | 250.1 | 722.4 | 1 922.2 |
| 354 | Metalworking machinery | (NA) | 10 981 | 2 642 | 283.2 | 6 086.4 | 197.3 | 382.7 | 3 862.5 | 11 285.3 | 18 149.6 |
| 3541 | Machine tools, metal cutting | 865 | 942 | 293 | 58.3 | 1 335.0 | 33.9 | 63.6 | 709.2 | 2 516.2 | 4 411.5 |
| 3542 | Machine tools, metal forming types .. | 435 | 452 | 162 | 19.5 | 438.1 | 12.1 | 23.2 | 245.3 | 777.8 | 1 428.7 |
| 3544 | Special dies, tools, jigs, and fixtures | 7 132 | 7 255 | 1 322 | 102.9 | 2 293.3 | 81.7 | 164.9 | 1 684.9 | 3 780.5 | 5 374.9 |
| 3545 | Machine tool accessories | 1 444 | 1 620 | 562 | 55.1 | 1 069.7 | 38.8 | 73.5 | 690.4 | 2 164.3 | 3 165.3 |
| 3546 | Power driven hand tools | 180 | 203 | 74 | 21.6 | 393.6 | 14.5 | 25.9 | 228.6 | 940.3 | 1 795.3 |
| 3547 | Rolling mill machinery | 58 | 63 | 32 | 5.1 | 125.1 | 3.3 | 6.1 | 70.8 | 276.4 | 502.9 |
| 3549 | Metalworking machinery, n.e.c. | 421 | 446 | 197 | 20.7 | 431.5 | 13.0 | 25.4 | 233.3 | 829.9 | 1 471.1 |
| 355 | Special industry machinery | (NA) | 4 226 | 1 641 | 182.5 | 3 748.1 | 108.4 | 210.5 | 1 953.5 | 7 415.4 | 13 127.8 |
| 3551 | Food products machinery | 703 | 748 | 315 | 32.7 | 695.3 | 20.6 | 40.1 | 390.3 | 1 355.7 | 2 320.8 |
| 3552 | Textile machinery | 511 | 551 | 197 | 19.4 | 322.9 | 12.8 | 23.9 | 184.5 | 641.6 | 1 059.0 |
| 3553 | Woodworking machinery | 267 | 279 | 95 | 9.7 | 173.7 | 5.9 | 10.9 | 91.3 | 387.4 | 730.7 |
| 3554 | Paper industries machinery | 231 | 253 | 126 | 17.8 | 405.8 | 10.0 | 20.2 | 201.5 | 762.6 | 1 387.4 |
| 3555 | Printing trades machinery | 507 | 571 | 216 | 28.3 | 598.4 | 15.5 | 31.3 | 294.3 | 1 250.6 | 2 281.1 |
| 3559 | Special industry machinery, n.e.c. | 1 754 | 1 824 | 692 | 74.5 | 1 551.9 | 43.6 | 84.2 | 791.6 | 3 017.6 | 5 348.9 |

See footnotes at end of table.

These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| 1982—Con. | | | | | | | 1977 | | | | | | SIC code |
|---------------------------------------|---|---|-------------------------------------|--|----------------------------------|-----------------------|-------------------|---------------------------------|--|--|---|------|-------------|
| New capital expenditures ⁵ | | | Inventories ³ | | Ratios | | All employees | | Value added by manu- facture (million dollars) | Value of shipments ⁴ (million dollars) | New capital expend- itures ⁵ (million dollars) | | |
| Total (million dollars) | Structures and additions to plant (million dollars) | Machinery and equipment (million dollars) | End of year (million dollars) | Beginning of year (million dollars) | Special- ization (percent) | Coverage (percent) | Number (1,000) | Payroll (million dollars) | | | | | |
| 3 685.9 | 626.5 | 3 059.3 | 21 138.1 | 23 346.2 | (NA) | (NA) | 1 555.7 | 21 035.9 | 45 511.5 | 90 023.5 | 2 606.1 | 34 | |
| 269.7 | 38.5 | 231.1 | 1 504.3 | 1 596.2 | (NA) | (NA) | 72.3 | 1 246.5 | 3 643.9 | 9 180.0 | 208.7 | 341 | |
| 247.0 | 35.9 | 211.1 | 1 338.8 | 1 414.7 | 98 | 99 | 59.8 | 1 066.3 | 3 254.3 | 8 242.8 | 176.9 | 3411 | |
| 22.7 | 2.6 | 20.1 | 165.5 | 181.5 | 93 | 93 | 12.4 | 180.3 | 389.6 | 937.1 | 31.8 | 3412 | |
| 335.6 | 72.8 | 262.7 | 2 085.8 | 2 226.1 | (NA) | (NA) | 168.6 | 2 179.3 | 5 176.6 | 8 556.5 | 298.9 | 342 | |
| 44.0 | 11.9 | 32.1 | 185.4 | 187.5 | 96 | 90 | 14.9 | 159.6 | 492.0 | 711.4 | 23.3 | 3421 | |
| 93.2 | 18.7 | 74.5 | 720.1 | 760.8 | 90 | 91 | 47.0 | 566.4 | 1 421.4 | 2 279.2 | 72.0 | 3423 | |
| 24.1 | 6.2 | 17.9 | 115.8 | 138.0 | 83 | 86 | 7.6 | 94.3 | 230.6 | 363.3 | 13.4 | 3425 | |
| 174.3 | 36.0 | 138.3 | 1 064.5 | 1 139.7 | 96 | 94 | 99.2 | 1 359.0 | 3 032.6 | 5 202.6 | 190.2 | 3429 | |
| 96.9 | 24.3 | 72.5 | 794.8 | 884.0 | (NA) | (NA) | 53.2 | 636.8 | 1 573.6 | 3 087.6 | 74.1 | 343 | |
| 15.7 | 1.8 | 14.0 | 127.9 | 138.9 | 80 | 97 | 8.1 | 109.7 | 248.7 | 477.6 | 11.3 | 3431 | |
| 37.2 | 10.6 | 26.5 | 258.5 | 293.9 | 97 | 93 | 19.3 | 215.0 | 579.3 | 1 166.4 | 30.3 | 3432 | |
| 44.0 | 11.9 | 32.0 | 408.5 | 451.2 | 90 | 87 | 25.8 | 312.2 | 745.6 | 1 443.6 | 32.4 | 3433 | |
| 751.6 | 175.4 | 576.3 | 5 847.1 | 6 708.1 | (NA) | (NA) | 425.7 | 5 491.9 | 11 785.3 | 24 993.8 | 580.2 | 344 | |
| 188.9 | 44.2 | 144.7 | 1 383.0 | 1 685.2 | 94 | 95 | 99.3 | 1 313.6 | 2 559.8 | 5 505.2 | 144.1 | 3441 | |
| 98.6 | 29.3 | 69.3 | 755.8 | 784.9 | 91 | 94 | 65.8 | 671.3 | 1 418.3 | 3 135.6 | 70.7 | 3442 | |
| 200.7 | 47.1 | 153.6 | 1 516.5 | 1 780.0 | 93 | 91 | 123.5 | 1 777.8 | 4 075.3 | 7 432.4 | 179.8 | 3443 | |
| 145.6 | 26.9 | 118.7 | 1 185.3 | 1 326.9 | 92 | 92 | 77.4 | 980.2 | 2 095.1 | 4 863.5 | 110.6 | 3444 | |
| 26.8 | 6.0 | 20.8 | 243.2 | 253.5 | 91 | 84 | 20.8 | 247.7 | 505.5 | 947.1 | 22.2 | 3446 | |
| 46.1 | 12.5 | 33.7 | 403.4 | 467.3 | 95 | 95 | 22.7 | 289.7 | 694.5 | 1 779.2 | 32.2 | 3448 | |
| 44.9 | 9.4 | 35.5 | 359.9 | 410.3 | 88 | 84 | 16.3 | 211.5 | 436.9 | 1 330.8 | 20.5 | 3449 | |
| 187.0 | 30.5 | 156.5 | 1 242.0 | 1 422.0 | (NA) | (NA) | 104.7 | 1 414.0 | 2 864.2 | 5 091.2 | 184.1 | 345 | |
| 77.2 | 16.6 | 60.7 | 297.0 | 335.5 | 96 | 94 | 43.8 | 551.6 | 1 023.9 | 1 771.7 | 71.9 | 3451 | |
| 109.8 | 14.0 | 95.8 | 945.0 | 1 086.5 | 93 | 95 | 60.9 | 862.4 | 1 840.3 | 3 319.5 | 112.3 | 3452 | |
| 945.0 | 87.4 | 857.6 | 2 881.5 | 3 376.3 | (NA) | (NA) | 288.0 | 4 511.3 | 8 913.4 | 18 264.2 | 604.4 | 346 | |
| 158.0 | 21.7 | 136.3 | 618.7 | 780.1 | 89 | 81 | 39.1 | 641.5 | 1 301.4 | 2 795.7 | 126.7 | 3462 | |
| 100.3 | 11.1 | 89.2 | 302.6 | 410.3 | 84 | 73 | 5.4 | 93.7 | 240.7 | 456.7 | 13.7 | 3463 | |
| 465.0 | 23.7 | 441.2 | 804.7 | 947.6 | 92 | 88 | 132.4 | 2 446.0 | 4 654.5 | 9 739.2 | 292.2 | 3465 | |
| 21.6 | 1.8 | 19.8 | 140.7 | 134.1 | 92 | 92 | 7.9 | 104.8 | 265.4 | 536.9 | 17.1 | 3466 | |
| 200.1 | 29.0 | 171.2 | 1 014.7 | 1 104.1 | 88 | 88 | 103.2 | 1 225.4 | 2 451.5 | 4 735.7 | 154.7 | 3469 | |
| 200.2 | 40.0 | 160.2 | 517.6 | 515.4 | (NA) | (NA) | 93.5 | 1 008.5 | 1 962.9 | 3 456.3 | 121.1 | 347 | |
| 109.2 | 21.7 | 87.5 | 225.5 | 219.7 | 97 | 97 | 61.2 | 634.8 | 1 181.8 | 1 848.5 | 73.2 | 3471 | |
| 91.0 | 18.3 | 72.8 | 292.1 | 295.7 | 96 | 93 | 32.3 | 373.7 | 781.1 | 1 607.7 | 47.9 | 3479 | |
| 138.4 | 16.1 | 122.3 | 887.4 | 870.0 | (NA) | (NA) | 70.2 | 991.7 | 1 736.8 | 2 641.4 | 82.5 | 348 | |
| 23.3 | 3.1 | 20.2 | 210.5 | 235.0 | 96 | 85 | 10.3 | 138.1 | 247.5 | 436.2 | 42.9 | 3482 | |
| 56.2 | 5.3 | 51.0 | 108.6 | 112.1 | 82 | 76 | 18.9 | 248.1 | 448.7 | 716.5 | 9.2 | 3483 | |
| 34.3 | 3.5 | 30.9 | 345.8 | 319.0 | 90 | 99+ | 17.5 | 237.8 | 481.5 | 754.9 | 20.5 | 3484 | |
| 24.6 | 4.3 | 20.3 | 222.5 | 203.9 | 86 | 64 | 23.6 | 367.7 | 559.2 | 733.8 | 10.1 | 3489 | |
| 761.4 | 141.4 | 620.0 | 5 377.7 | 5 748.2 | (NA) | (NA) | 279.4 | 3 555.8 | 7 854.9 | 14 752.6 | 452.0 | 349 | |
| 7.3 | 3 | 6.9 | 86.0 | 102.2 | 81 | 59 | 8.2 | 119.8 | 249.9 | 500.5 | 14.1 | 3493 | |
| 363.9 | 72.1 | 291.7 | 2 838.9 | 2 956.5 | 90 | 90 | 108.7 | 1 467.3 | 3 385.9 | 5 662.3 | 201.2 | 3494 | |
| 31.9 | 5.2 | 26.7 | 116.4 | 131.7 | 92 | 93 | 21.7 | 253.5 | 497.7 | 957.7 | 27.6 | 3495 | |
| 67.0 | 9.6 | 57.4 | 443.0 | 485.2 | 93 | 52 | 32.4 | 354.5 | 721.7 | 1 435.0 | 47.3 | 3496 | |
| 40.1 | 5.4 | 34.7 | 287.2 | 309.9 | 81 | 82 | 9.4 | 125.8 | 298.0 | 895.1 | 16.1 | 3497 | |
| 137.2 | 33.8 | 103.4 | 897.0 | 950.7 | 97 | 94 | 28.2 | 390.0 | 887.2 | 1 872.7 | 51.0 | 3498 | |
| 114.1 | 15.0 | 99.1 | 709.1 | 812.0 | 92 | 87 | 70.8 | 844.7 | 1 814.5 | 3 429.2 | 94.8 | 3499 | |
| 8 537.2 | 1 720.6 | 6 816.6 | 47 181.2 | 49 759.4 | (NA) | (NA) | 2 083.3 | 30 557.5 | 67 222.5 | 122 187.7 | 4 402.4 | 35 | |
| 727.8 | 71.9 | 655.9 | 3 277.5 | 3 755.8 | (NA) | (NA) | 129.6 | 2 237.6 | 4 959.6 | 10 426.2 | 329.9 | 351 | |
| 127.9 | 12.1 | 115.8 | 1 501.3 | 1 578.3 | 94 | 80 | 40.8 | 709.1 | 1 553.1 | 2 729.7 | 44.1 | 3511 | |
| 599.9 | 59.8 | 540.1 | 1 776.2 | 2 177.5 | 89 | 87 | 88.8 | 1 528.6 | 3 406.5 | 7 696.5 | 285.8 | 3519 | |
| 392.3 | 64.4 | 327.9 | 2 771.8 | 3 285.3 | (NA) | (NA) | 150.9 | 2 196.5 | 5 490.2 | 11 857.0 | 370.5 | 352 | |
| 341.2 | 56.2 | 284.9 | 2 232.2 | 2 698.5 | 94 | 95 | 131.3 | 1 971.9 | 4 854.4 | 10 281.7 | 341.9 | 3523 | |
| 51.1 | 8.1 | 43.0 | 539.6 | 586.8 | 91 | 88 | 19.6 | 224.6 | 635.8 | 1 575.3 | 28.6 | 3524 | |
| 1 578.1 | 381.6 | 1 196.5 | 11 893.9 | 12 047.9 | (NA) | (NA) | 333.0 | 5 096.7 | 11 835.6 | 23 681.6 | 932.4 | 353 | |
| 419.4 | 68.0 | 351.4 | 4 764.7 | 4 885.8 | 91 | 94 | 155.3 | 2 547.1 | 5 744.3 | 12 628.7 | 498.3 | 3531 | |
| 66.0 | 17.9 | 48.1 | 756.1 | 785.4 | 90 | 89 | 31.4 | 425.9 | 1 018.8 | 1 996.7 | 67.0 | 3532 | |
| 903.2 | 245.0 | 658.2 | 4 748.6 | 4 502.1 | 92 | 96 | 58.6 | 867.5 | 2 437.6 | 3 912.4 | 257.5 | 3533 | |
| 31.2 | 8.1 | 23.1 | 238.2 | 229.8 | 96 | 95 | 10.2 | 141.9 | 284.5 | 489.7 | 8.8 | 3534 | |
| 58.0 | 16.9 | 41.1 | 551.4 | 590.4 | 89 | 91 | 32.9 | 476.5 | 1 018.9 | 1 897.9 | 34.7 | 3535 | |
| 20.0 | 3.0 | 17.0 | 274.6 | 346.1 | 85 | 79 | 15.8 | 210.5 | 453.2 | 836.0 | 17.9 | 3536 | |
| 80.3 | 22.7 | 57.6 | 560.2 | 708.3 | 94 | 91 | 28.8 | 427.3 | 878.2 | 1 920.1 | 48.3 | 3537 | |
| 713.2 | 124.9 | 588.3 | 4 396.0 | 5 024.2 | (NA) | (NA) | 297.8 | 4 513.9 | 8 746.7 | 13 283.0 | 438.6 | 354 | |
| 157.7 | 36.6 | 121.1 | 1 435.5 | 1 769.7 | 91 | 93 | 59.5 | 951.0 | 1 871.0 | 2 819.1 | 82.2 | 3541 | |
| 43.4 | 5.5 | 37.8 | 511.5 | 594.2 | 89 | 87 | 23.7 | 360.7 | 721.9 | 1 130.6 | 24.7 | 3542 | |
| 232.9 | 31.3 | 201.5 | 621.8 | 677.9 | 94 | 79 | 105.6 | 1 706.3 | 2 786.9 | 3 901.3 | 175.7 | 3544 | |
| 143.9 | 20.4 | 123.6 | 906.5 | 952.5 | 92 | 89 | 54.1 | 762.5 | 1 585.8 | 2 384.5 | 77.2 | 3545 | |
| 68.1 | 8.5 | 59.7 | 415.0 | 487.2 | 88 | 91 | 27.7 | 325.7 | 931.9 | 1 623.2 | 39.0 | 3546 | |
| 14.8 | 4.1 | 10.7 | 168.1 | 147.3 | 79 | 79 | 7.9 | 128.2 | 286.9 | 507.4 | 9.1 | 3547 | |
| 52.4 | 18.5 | 33.9 | 337.6 | 395.3 | 86 | 85 | 19.4 | 279.5 | 562.2 | 916.8 | 30.7 | 3549 | |
| 392.5 | 77.9 | 314.6 | 3 496.8 | 3 687.4 | (NA) | (NA) | 185.0 | 2 615.9 | 5 271.4 | 9 128.2 | 243.6 | 355 | |
| 55.0 | 10.8 | 44.2 | 700.6 | 715.9 | 93 | 91 | 36.3 | 522.1 | 1 056.4 | 1 786.8 | 46.9 | 3551 | |
| 46.1 | 8.4 | 37.6 | 298.7 | 298.5 | 96 | 95 | 26.0 | 300.8 | 540.0 | 951.0 | 32.2 | 3552 | |
| 20.2 | 2.6 | 17.6 | 148.7 | 169.9 | 91 | 94 | 10.3 | 131.2 | 317.8 | 585.6 | 13.8 | 3553 | |
| 29.4 | 8.3 | 21.1 | 360.3 | 368.4 | 89 | 93 | 16.4 | 247.5 | 464.9 | 826.9 | 17.2 | 3554 | |
| 72.6 | 8.9 | 63.7 | 570.2 | 615.5 | 97 | 91 | 25.5 | 369.2 | 793.6 | 1 350.9 | 46.8 | 3555 | |
| 169.3 | 38.9 | 130.4 | 1 418.3 | 1 519.1 | 91 | 86 | 70.6 | 1 045.1 | 2 098.7 | 3 627.0 | 86.8 | 3559 | |

Table 3. Selected Statistics by Industry Group and Industry: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the industry reports previously published.]

| SIC code | Industry group and industry | 1982 | | | | | | | | | Value added by manu- facture ³ (million dollars) | Value of shipments ⁴ (million dollars) |
|-------------|--|------------------------------------|---------------------------------|---|-------------------|---------------------------------|--------------------|---------------------|-------------------------------|----------|---|--|
| | | Companies ¹ (number) | All establishments ² | | All employees | | Production workers | | | | | |
| | | | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | |
| 35 | Machinery, except electrical—Con. | | | | | | | | | | | |
| 356 | General industrial machinery | (NA) | 4 981 | 2 039 | 313.6 | 6 492.9 | 197.3 | 375.6 | 3 642.4 | 13 587.4 | 24 458.8 | |
| 3561 | Pumps and pumping equipment | 516 | 626 | 325 | 68.4 | 1 479.7 | 39.1 | 74.5 | 769.3 | 3 352.9 | 6 198.3 | |
| 3562 | Ball and roller bearings | 109 | 162 | 116 | 43.8 | 910.4 | 33.6 | 61.6 | 647.8 | 1 849.1 | 3 149.5 | |
| 3563 | Air and gas compressors | 239 | 282 | 144 | 31.8 | 709.3 | 17.3 | 34.1 | 344.0 | 1 470.1 | 3 270.0 | |
| 3564 | Blowers and fans | 450 | 502 | 240 | 29.8 | 553.6 | 19.1 | 37.2 | 306.0 | 1 160.0 | 2 173.5 | |
| 3565 | Industrial patterns | 994 | 996 | 105 | 9.8 | 217.6 | 8.1 | 14.8 | 173.4 | 347.6 | 452.3 | |
| 3566 | Speed changers, drives, and gears .. | 282 | 309 | 180 | 24.1 | 503.9 | 15.8 | 29.7 | 298.4 | 1 020.9 | 1 631.6 | |
| 3567 | Industrial furnaces and ovens | 321 | 353 | 172 | 16.1 | 312.6 | 9.2 | 17.8 | 149.2 | 624.9 | 1 102.2 | |
| 3568 | Power transmission equipment, n.e.c. | 242 | 293 | 194 | 26.9 | 553.0 | 18.0 | 33.1 | 335.2 | 1 144.1 | 1 926.8 | |
| 3569 | General industrial machinery, n.e.c. | 1 390 | 1 458 | 563 | 62.7 | 1 252.8 | 37.1 | 72.8 | 619.2 | 2 617.9 | 4 554.7 | |
| 357 | Office and computing machines | (NA) | 2 169 | 1 073 | 404.0 | 9 436.9 | 173.5 | 336.6 | 2 881.5 | 23 386.0 | 43 027.5 | |
| 3573 | Electronic computing equipment | 1 520 | 1 739 | 843 | 337.9 | 8 052.7 | 140.9 | 274.5 | 2 352.0 | 19 597.8 | 36 767.1 | |
| 3574 | Calculating and accounting machines | 65 | 70 | 42 | 15.4 | 292.2 | 7.2 | 13.9 | 107.8 | 815.0 | 1 487.3 | |
| 3576 | Scales and balances, except laboratory | 113 | 128 | 63 | 7.0 | 128.3 | 4.2 | 8.0 | 62.2 | 284.0 | 516.4 | |
| 3579 | Office machines, n.e.c., and typewriters | 203 | 232 | 125 | 43.7 | 963.7 | 21.2 | 40.1 | 359.5 | 2 689.3 | 4 256.7 | |
| 358 | Refrigeration and service machinery .. | (NA) | 1 937 | 899 | 171.7 | 3 343.6 | 116.4 | 218.9 | 2 024.3 | 8 120.7 | 16 449.9 | |
| 3581 | Automatic merchandising machines .. | 88 | 92 | 36 | 7.4 | 123.3 | 5.1 | 9.8 | 72.3 | 215.0 | 479.4 | |
| 3582 | Commercial laundry equipment | 86 | 87 | 45 | 4.7 | 83.0 | 3.2 | 6.4 | 49.6 | 170.0 | 321.0 | |
| 3585 | Refrigeration and heating equipment | 730 | 865 | 496 | 120.5 | 2 393.2 | 85.0 | 159.3 | 1 532.6 | 6 049.4 | 12 390.3 | |
| 3586 | Measuring and dispensing pumps | 58 | 61 | 35 | 8.1 | 160.0 | 5.2 | 9.9 | 86.9 | 365.1 | 676.2 | |
| 3589 | Service industry machinery, n.e.c. | 791 | 832 | 287 | 31.0 | 584.0 | 17.8 | 33.5 | 283.0 | 1 321.3 | 2 583.0 | |
| 359 | Miscellaneous machinery, except electrical | (NA) | 22 247 | 3 193 | 282.1 | 5 235.4 | 220.9 | 436.4 | 3 693.7 | 9 806.1 | 14 496.7 | |
| 3592 | Carburetors, pistons, rings, valves .. | 149 | 171 | 94 | 31.2 | 691.9 | 24.0 | 46.0 | 492.4 | 1 385.1 | 2 224.5 | |
| 3599 | Machinery, except electrical, n.e.c. | 21 913 | 22 076 | 3 099 | 250.9 | 4 543.4 | 196.8 | 390.4 | 3 201.4 | 8 421.0 | 12 272.2 | |
| 36 | Electric and electronic equipment | 13 701 | 16 453 | 7 834 | 1 914.5 | 38 413.6 | 1 198.2 | 2 268.5 | 19 281.0 | 84 605.4 | 147 943.6 | |
| 361 | Electric distributing equipment | (NA) | 942 | 498 | 105.3 | 1 994.6 | 73.2 | 134.9 | 1 179.3 | 4 584.1 | 8 108.2 | |
| 3612 | Transformers | 240 | 293 | 162 | 39.0 | 732.1 | 28.5 | 51.3 | 461.0 | 1 439.1 | 2 916.0 | |
| 3613 | Switchgear and switchboard apparatus | 514 | 649 | 336 | 66.3 | 1 262.5 | 44.7 | 83.6 | 718.3 | 3 145.0 | 5 192.2 | |
| 362 | Electrical industrial apparatus | (NA) | 1 980 | 1 019 | 191.4 | 3 705.5 | 125.1 | 235.5 | 2 067.2 | 7 918.7 | 13 825.1 | |
| 3621 | Motors and generators | 349 | 472 | 325 | 84.2 | 1 546.4 | 61.0 | 114.4 | 984.2 | 3 435.8 | 6 060.1 | |
| 3622 | Industrial controls | 852 | 913 | 407 | 64.0 | 1 279.7 | 34.4 | 65.3 | 558.9 | 2 604.0 | 4 329.1 | |
| 3623 | Welding apparatus, electric | 164 | 182 | 108 | 15.0 | 340.8 | 10.0 | 17.8 | 204.8 | 684.2 | 1 353.2 | |
| 3624 | Carbon and graphite products | 70 | 90 | 59 | 12.0 | 258.2 | 8.4 | 16.6 | 164.8 | 550.1 | 971.4 | |
| 3629 | Electrical industrial apparatus, n.e.c. | 309 | 323 | 120 | 16.3 | 280.4 | 11.3 | 21.5 | 154.5 | 644.7 | 1 111.3 | |
| 363 | Household appliances | (NA) | 630 | 335 | 129.4 | 2 223.1 | 98.0 | 180.0 | 1 529.5 | 5 775.9 | 12 643.5 | |
| 3631 | Household cooking equipment | 71 | 88 | 59 | 23.7 | 402.1 | 17.0 | 31.4 | 254.8 | 941.4 | 2 414.9 | |
| 3632 | Household refrigerators and freezers | 39 | 50 | 30 | 22.4 | 441.2 | 18.4 | 33.1 | 340.4 | 1 032.3 | 2 470.7 | |
| 3633 | Household laundry equipment | 15 | 25 | 20 | 16.5 | 335.4 | 13.4 | 23.4 | 261.1 | 984.1 | 2 122.2 | |
| 3634 | Electric housewares and fans | 217 | 262 | 134 | 38.7 | 539.1 | 29.3 | 54.4 | 341.3 | 1 511.9 | 3 128.4 | |
| 3635 | Household vacuum cleaners | 29 | 31 | 18 | 8.4 | 151.1 | 5.2 | 9.5 | 94.6 | 463.6 | 775.7 | |
| 3636 | Sewing machines | 86 | 91 | 25 | 5.5 | 101.9 | 3.4 | 6.5 | 57.1 | 168.8 | 299.7 | |
| 3639 | Household appliances, n.e.c. | 70 | 83 | 49 | 14.2 | 252.4 | 11.4 | 21.7 | 180.2 | 673.8 | 1 432.0 | |
| 364 | Electric lighting and wiring equipment .. | (NA) | 1 993 | 980 | 159.4 | 2 718.2 | 117.4 | 218.0 | 1 739.4 | 6 619.0 | 12 047.8 | |
| 3641 | Electric lamps | 113 | 149 | 61 | 22.4 | 396.9 | 18.9 | 33.5 | 310.3 | 1 283.7 | 2 072.6 | |
| 3643 | Current-carrying wiring devices | 357 | 415 | 222 | 44.5 | 699.8 | 31.9 | 57.2 | 421.6 | 1 464.2 | 2 510.3 | |
| 3644 | Noncurrent-carrying wiring devices .. | 187 | 226 | 140 | 26.3 | 509.9 | 18.1 | 35.3 | 314.0 | 1 218.7 | 2 399.6 | |
| 3645 | Residential lighting fixtures | 613 | 643 | 250 | 22.2 | 308.8 | 16.9 | 31.5 | 194.7 | 708.7 | 1 351.8 | |
| 3646 | Commercial lighting fixtures | 219 | 243 | 140 | 18.9 | 313.3 | 13.4 | 25.7 | 184.2 | 774.8 | 1 671.9 | |
| 3647 | Vehicular lighting equipment | 78 | 84 | 54 | 12.9 | 281.6 | 9.6 | 18.8 | 193.4 | 602.4 | 1 013.6 | |
| 3648 | Lighting equipment, n.e.c. | 222 | 233 | 113 | 12.2 | 207.9 | 8.5 | 16.1 | 121.2 | 566.4 | 1 028.0 | |
| 365 | Radio and TV receiving equipment | (NA) | 1 032 | 310 | 65.6 | 1 154.3 | 47.2 | 88.9 | 705.6 | 3 200.1 | 7 832.8 | |
| 3651 | Radio and TV receiving sets | 432 | 458 | 182 | 48.4 | 862.3 | 35.4 | 65.3 | 546.2 | 2 010.6 | 6 063.9 | |
| 3652 | Phonograph records and prerecorded tape | 548 | 574 | 128 | 17.1 | 292.0 | 11.8 | 23.6 | 159.4 | 1 189.5 | 1 768.9 | |
| 366 | Communication equipment | (NA) | 2 721 | 1 466 | 600.6 | 13 979.1 | 314.0 | 597.6 | 5 846.8 | 28 299.2 | 46 426.0 | |
| 3661 | Telephone and telegraph apparatus | 259 | 333 | 210 | 136.5 | 3 021.2 | 85.6 | 158.4 | 1 614.5 | 7 120.8 | 13 394.4 | |
| 3662 | Radio and TV communication equipment | 2 083 | 2 388 | 1 256 | 464.1 | 10 957.9 | 228.4 | 439.2 | 4 232.3 | 21 178.4 | 33 031.6 | |
| 367 | Electronic components and accessories | (NA) | 5 455 | 2 464 | 515.8 | 9 770.1 | 324.8 | 626.3 | 4 644.5 | 21 214.2 | 34 516.8 | |
| 3671 | Electron tubes, all types | 86 | 102 | 61 | 35.5 | 773.0 | 24.7 | 47.5 | 476.5 | 1 306.8 | 2 302.3 | |
| 3674 | Semiconductors and related devices | 685 | 766 | 352 | 166.5 | 3 785.0 | 81.3 | 154.4 | 1 313.3 | 8 356.6 | 12 429.9 | |
| 3675 | Electronic capacitors | 93 | 130 | 99 | 28.9 | 387.9 | 21.6 | 40.7 | 243.6 | 728.4 | 1 188.9 | |
| 3676 | Electronic resistors | 77 | 103 | 85 | 18.3 | 258.4 | 12.4 | 23.8 | 139.1 | 524.0 | 765.8 | |
| 3677 | Electronic coils and transformers | 353 | 386 | 245 | 23.7 | 293.4 | 18.7 | 35.2 | 183.5 | 537.6 | 863.3 | |
| 3678 | Electronic connectors | 148 | 198 | 159 | 39.7 | 687.5 | 28.0 | 54.2 | 418.4 | 1 633.5 | 2 565.0 | |
| 3679 | Electronic components, n.e.c. | 3 575 | 3 770 | 1 463 | 203.2 | 3 584.9 | 138.2 | 270.5 | 1 870.2 | 8 127.2 | 14 401.6 | |
| 369 | Miscellaneous electrical equipment and supplies | (NA) | 1 700 | 762 | 147.1 | 2 868.7 | 98.5 | 187.4 | 1 568.7 | 6 994.3 | 12 543.5 | |
| 3691 | Storage batteries | 129 | 201 | 123 | 22.9 | 473.6 | 18.0 | 34.4 | 347.3 | 1 203.0 | 2 431.3 | |
| 3692 | Primary batteries, dry and wet | 36 | 55 | 35 | 11.7 | 192.3 | 9.1 | 17.6 | 137.0 | 559.2 | 1 101.8 | |
| 3693 | X-ray, electromedical, and electrotherapeutic apparatus | 217 | 262 | 172 | 47.9 | 1 066.6 | 23.1 | 45.6 | 364.5 | 2 733.8 | 4 270.0 | |
| 3694 | Engine electrical equipment | 393 | 433 | 196 | 42.9 | 820.5 | 32.3 | 60.5 | 534.7 | 1 851.5 | 3 464.3 | |
| 3699 | Electrical equipment and supplies, n.e.c. | 714 | 749 | 236 | 21.6 | 315.7 | 16.0 | 29.3 | 185.2 | 646.8 | 1 276.2 | |

See footnotes at end of table.

These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| 1982—Con. | | | | | | | 1977 | | | | | | SIC code |
|---------------------------------------|---|---|-------------------------------------|--|----------------------------------|-----------------------|-------------------|---------------------------------|---|--|---|------|----------|
| New capital expenditures ⁵ | | | Inventories ³ | | Ratios | | All employees | | Value added by manu- facture (million dollars) | Value of shipments ⁴ (million dollars) | New capital expend- itures ⁵ (million dollars) | | |
| Total (million dollars) | Structures and additions to plant (million dollars) | Machinery and equipment (million dollars) | End of year (million dollars) | Beginning of year (million dollars) | Special- ization (percent) | Coverage (percent) | Number (1,000) | Payroll (million dollars) | | | | | |
| | | | | | (NA) | (NA) | | | | | | 35 | |
| 903.6 | 184.3 | 719.3 | 6 374.1 | 7 033.3 | (NA) | (NA) | 313.5 | 4 451.1 | 9 672.6 | 16 542.0 | 552.7 | 356 | |
| 227.5 | 58.8 | 168.6 | 1 835.9 | 2 022.2 | 90 | 90 | 63.0 | 900.6 | 2 141.6 | 3 773.7 | 123.5 | 3561 | |
| 164.8 | 15.4 | 149.4 | 891.0 | 1 024.8 | 96 | 99 | 50.6 | 752.6 | 1 472.7 | 2 567.3 | 132.9 | 3562 | |
| 118.1 | 31.4 | 86.7 | 985.6 | 1 100.6 | 90 | 91 | 32.0 | 465.6 | 1 145.5 | 2 075.6 | 55.8 | 3563 | |
| 57.1 | 12.6 | 44.6 | 388.7 | 411.4 | 88 | 92 | 28.0 | 356.8 | 776.7 | 1 430.8 | 37.5 | 3564 | |
| 15.8 | 2.0 | 13.8 | 29.6 | 37.3 | 97 | 76 | 9.3 | 152.7 | 252.5 | 320.6 | 11.1 | 3565 | |
| 93.2 | 10.6 | 82.6 | 457.8 | 519.5 | 87 | 87 | 25.3 | 365.4 | 803.1 | 1 222.3 | 48.5 | 3566 | |
| 21.1 | 6.3 | 14.9 | 204.5 | 219.5 | 90 | 94 | 15.2 | 209.4 | 469.3 | 746.3 | 13.4 | 3567 | |
| 74.7 | 13.1 | 61.6 | 508.5 | 547.8 | 90 | 84 | 32.5 | 464.8 | 1 009.1 | 1 626.0 | 50.3 | 3568 | |
| 131.2 | 34.1 | 97.1 | 1 072.4 | 1 150.2 | 88 | 86 | 57.5 | 783.2 | 1 602.2 | 2 779.5 | 79.6 | 3569 | |
| 2 648.3 | 646.9 | 2 001.5 | 9 977.9 | 9 516.4 | (NA) | (NA) | 259.3 | 3 948.8 | 9 921.4 | 16 841.9 | 826.1 | 357 | |
| 2 381.3 | 575.4 | 1 805.9 | 8 445.6 | 8 046.8 | 95 | 94 | 192.7 | 3 004.3 | 7 623.5 | 12 923.6 | 651.5 | 3573 | |
| 52.7 | 21.8 | 30.9 | 320.6 | 275.7 | 74 | 77 | 17.1 | 220.7 | 391.3 | 850.0 | 56.3 | 3574 | |
| 15.9 | 5.0 | 11.0 | 122.6 | 132.4 | 98 | 86 | 7.1 | 84.5 | 214.9 | 348.1 | 6.8 | 3576 | |
| 198.5 | 44.8 | 153.7 | 1 089.1 | 1 061.4 | 81 | 87 | 42.4 | 639.1 | 1 691.4 | 2 719.7 | 111.5 | 3579 | |
| 414.7 | 72.0 | 342.7 | 2 998.1 | 3 318.2 | (NA) | (NA) | 191.5 | 2 516.4 | 5 962.6 | 12 416.1 | 287.9 | 358 | |
| 13.1 | 2.0 | 11.2 | 118.2 | 117.3 | 93 | 98 | 8.8 | 103.2 | 211.7 | 410.1 | 7.9 | 3581 | |
| 4.9 | 1.6 | 3.3 | 64.1 | 72.1 | 96 | 87 | 4.6 | 54.4 | 117.3 | 220.3 | 2.2 | 3582 | |
| 329.3 | 56.2 | 273.1 | 2 141.9 | 2 408.8 | 92 | 96 | 138.6 | 1 849.7 | 4 469.2 | 9 638.1 | 233.0 | 3585 | |
| 12.8 | 1.6 | 11.2 | 157.2 | 170.4 | 86 | 93 | 7.4 | 97.3 | 218.0 | 375.7 | 6.2 | 3586 | |
| 54.6 | 10.6 | 43.9 | 516.6 | 549.7 | 93 | 88 | 32.1 | 411.8 | 946.4 | 1 771.8 | 38.5 | 3589 | |
| 766.6 | 96.7 | 669.9 | 1 995.1 | 2 091.0 | (NA) | (NA) | 222.7 | 2 980.4 | 5 362.4 | 8 011.8 | 420.8 | 359 | |
| 106.0 | 14.5 | 91.5 | 353.5 | 389.1 | 81 | 94 | 32.2 | 508.5 | 924.9 | 1 400.6 | 79.9 | 3592 | |
| 660.7 | 82.2 | 578.5 | 1 641.6 | 1 701.9 | 96 | 94 | 190.5 | 2 471.8 | 4 437.6 | 6 611.2 | 340.9 | 3599 | |
| 7 542.4 | 1 855.5 | 5 686.9 | 30 004.1 | 30 830.9 | (NA) | (NA) | 1 723.1 | 22 544.2 | 50 365.7 | 88 433.1 | 2 866.5 | 36 | |
| 219.7 | 27.5 | 192.2 | 1 593.6 | 1 792.9 | (NA) | (NA) | 115.3 | 1 431.3 | 3 335.9 | 5 771.7 | 141.2 | 361 | |
| 76.5 | 11.3 | 65.2 | 537.2 | 630.6 | 94 | 96 | 43.3 | 529.6 | 1 170.0 | 2 209.1 | 67.2 | 3612 | |
| 143.2 | 16.2 | 127.0 | 1 056.4 | 1 162.3 | 91 | 93 | 72.0 | 901.7 | 2 165.9 | 3 562.6 | 73.9 | 3613 | |
| 679.8 | 127.9 | 551.9 | 3 341.9 | 3 647.6 | (NA) | (NA) | 198.4 | 2 542.6 | 5 614.1 | 9 591.3 | 311.0 | 362 | |
| 275.4 | 27.0 | 248.4 | 1 087.9 | 1 263.8 | 94 | 81 | 96.9 | 1 177.6 | 2 609.8 | 4 462.7 | 162.6 | 3621 | |
| 178.8 | 43.6 | 135.2 | 1 050.3 | 1 135.4 | 93 | 87 | 55.4 | 726.6 | 1 602.2 | 2 511.4 | 57.5 | 3622 | |
| 44.4 | 13.3 | 31.1 | 372.7 | 416.9 | 89 | 94 | 17.5 | 285.7 | 582.7 | 1 189.6 | 38.7 | 3623 | |
| 151.8 | 40.0 | 111.8 | 600.1 | 580.1 | 94 | 93 | 12.1 | 164.1 | 408.4 | 735.2 | 35.4 | 3624 | |
| 29.3 | 3.9 | 25.4 | 230.9 | 251.4 | 87 | 92 | 16.5 | 188.6 | 411.0 | 692.4 | 16.8 | 3629 | |
| 304.8 | 44.3 | 260.5 | 2 299.3 | 2 551.7 | (NA) | (NA) | 162.3 | 1 898.1 | 5 276.2 | 10 736.5 | 207.0 | 363 | |
| 51.5 | 8.9 | 42.6 | 497.1 | 592.6 | 86 | 84 | 25.4 | 289.1 | 784.1 | 1 707.2 | 36.1 | 3631 | |
| 79.1 | 14.6 | 64.4 | 432.4 | 437.9 | 85 | 94 | 35.8 | 468.6 | 1 166.1 | 2 576.6 | 46.9 | 3632 | |
| 35.1 | 3.2 | 31.9 | 286.4 | 317.3 | 86 | 99 | 19.4 | 262.4 | 844.7 | 1 792.8 | 27.3 | 3633 | |
| 73.0 | 10.2 | 62.8 | 605.8 | 683.3 | 89 | 94 | 47.3 | 458.7 | 1 365.7 | 2 531.2 | 47.8 | 3634 | |
| 17.1 | 1.3 | 15.7 | 121.1 | 134.4 | 95 | 80 | 10.4 | 116.6 | 378.8 | 639.9 | 16.2 | 3635 | |
| 8.6 | 2.4 | 6.1 | 138.5 | 149.5 | (D) | (D) | 8.2 | 107.0 | 208.9 | 304.9 | 8.1 | 3636 | |
| 40.6 | 3.7 | 36.9 | 217.9 | 236.6 | 90 | 82 | 15.7 | 195.6 | 527.9 | 1 184.0 | 24.6 | 3639 | |
| 340.1 | 46.4 | 293.7 | 2 151.4 | 2 400.6 | (NA) | (NA) | 165.0 | 1 925.4 | 4 741.2 | 8 357.0 | 217.1 | 364 | |
| 60.5 | 4.0 | 56.4 | 193.7 | 212.1 | 98 | 98 | 28.7 | 322.4 | 1 089.2 | 1 651.4 | 36.6 | 3641 | |
| 88.8 | 12.4 | 76.4 | 500.0 | 566.9 | 85 | 76 | 43.9 | 480.3 | 1 100.1 | 1 795.2 | 55.8 | 3643 | |
| 69.1 | 15.0 | 54.0 | 575.2 | 688.5 | 79 | 88 | 25.8 | 330.1 | 744.4 | 1 421.8 | 32.8 | 3644 | |
| 17.9 | 2.1 | 15.8 | 280.2 | 302.7 | 93 | 95 | 23.7 | 229.5 | 494.2 | 986.6 | 11.8 | 3645 | |
| 32.0 | 2.9 | 29.1 | 290.8 | 309.5 | 91 | 87 | 15.6 | 169.1 | 434.7 | 922.7 | 18.0 | 3646 | |
| 43.8 | 1.6 | 42.2 | 122.9 | 125.1 | 65 | 96 | 14.5 | 246.0 | 536.0 | 908.5 | 46.3 | 3647 | |
| 28.0 | 8.4 | 19.7 | 188.6 | 195.7 | 87 | 74 | 12.8 | 148.0 | 342.6 | 671.0 | 15.8 | 3648 | |
| 177.2 | 19.3 | 157.9 | 1 078.1 | 1 263.8 | (NA) | (NA) | 97.7 | 1 097.0 | 3 078.1 | 6 913.2 | 135.7 | 365 | |
| 140.9 | 11.6 | 129.2 | 888.4 | 1 071.5 | 90 | 95 | 74.6 | 852.4 | 2 350.9 | 5 731.6 | 105.8 | 3651 | |
| 36.4 | 7.7 | 28.7 | 189.8 | 192.3 | 99 | 90 | 23.1 | 244.6 | 727.3 | 1 181.7 | 29.8 | 3652 | |
| 2 297.7 | 697.7 | 1 600.0 | 10 760.7 | 10 549.7 | (NA) | (NA) | 458.5 | 6 995.0 | 14 130.0 | 22 744.2 | 688.7 | 366 | |
| 513.1 | 58.0 | 455.1 | 2 855.0 | 2 835.5 | 95 | 98 | 124.4 | 1 818.0 | 4 192.0 | 7 858.3 | 217.3 | 3661 | |
| 1 784.6 | 639.7 | 1 144.9 | 7 905.7 | 7 714.2 | 93 | 91 | 334.1 | 5 177.0 | 9 938.0 | 14 886.0 | 471.4 | 3662 | |
| 3 012.6 | 765.1 | 2 247.5 | 6 436.0 | 6 278.2 | (NA) | (NA) | 373.5 | 4 556.5 | 9 259.6 | 15 389.6 | 762.6 | 367 | |
| 89.0 | 19.4 | 69.5 | 378.9 | 402.3 | 78 | 94 | 36.7 | 514.1 | 909.6 | 1 581.7 | 52.6 | 3671 | |
| 1 723.8 | 468.5 | 1 255.4 | 2 260.7 | 2 164.8 | 94 | 96 | 114.0 | 1 601.1 | 3 414.0 | 5 327.1 | 409.0 | 3674 | |
| 72.3 | 11.2 | 61.0 | 289.2 | 293.3 | 94 | 90 | 28.9 | 260.5 | 486.1 | 742.3 | 34.0 | 3675 | |
| 28.9 | 6.6 | 22.4 | 164.8 | 171.6 | 89 | 88 | 21.3 | 210.9 | 401.0 | 578.3 | 25.1 | 3676 | |
| 36.5 | 10.6 | 25.8 | 127.5 | 129.6 | 91 | 84 | 20.7 | 166.6 | 289.1 | 506.4 | 9.2 | 3677 | |
| 168.7 | 43.3 | 125.4 | 603.8 | 590.6 | 87 | 91 | 26.0 | 303.6 | 754.2 | 1 104.6 | 40.4 | 3678 | |
| 893.5 | 205.6 | 687.9 | 2 611.2 | 2 525.9 | 84 | 78 | 125.9 | 1 499.7 | 3 005.7 | 5 549.2 | 212.3 | 3679 | |
| 510.4 | 127.2 | 383.2 | 2 343.0 | 2 346.5 | (NA) | (NA) | 152.4 | 2 098.3 | 4 930.4 | 8 929.5 | 383.2 | 369 | |
| 109.7 | 28.2 | 81.6 | 376.9 | 419.2 | 97 | 98 | 25.9 | 358.7 | 927.8 | 1 982.5 | 122.2 | 3691 | |
| 42.9 | 5.3 | 37.7 | 148.5 | 165.2 | 94 | 95 | 11.0 | 118.2 | 343.2 | 666.1 | 35.4 | 3692 | |
| 236.3 | 81.3 | 155.0 | 1 091.1 | 961.7 | 96 | 94 | 30.9 | 467.6 | 1 231.9 | 1 884.7 | 63.4 | 3693 | |
| 78.4 | 4.9 | 73.4 | 501.5 | 564.9 | 85 | 88 | 63.8 | 948.4 | 2 041.3 | 3 647.2 | 146.0 | 3694 | |
| 43.1 | 7.6 | 35.6 | 224.9 | 235.5 | 92 | 84 | 20.7 | 205.3 | 386.2 | 749.0 | 16.2 | 3699 | |

Table 3. Selected Statistics by Industry Group and Industry: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the industry reports previously published.]

| SIC code | Industry group and industry | 1982 | | | | | | | | | |
|-----------|---|------------------------------------|---------------------------------|---|-------------------|---------------------------------|--------------------|---------------------|-------------------------------|--|--|
| | | Companies ¹ (number) | All establishments ² | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Value of shipments ⁴ (million dollars) |
| | | | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | |
| 37 | Transportation equipment ----- | 8 229 | 9 443 | 3 800 | 1 595.9 | 40 811.9 | 1 059.6 | 2 051.4 | 24 378.8 | 84 932.3 | 201 346.1 |
| 371 | Motor vehicles and equipment ----- | (NA) | 3 867 | 1 749 | 615.6 | 15 393.4 | 485.3 | 923.2 | 11 522.4 | 34 293.5 | 112 269.6 |
| 3711 | Motor vehicles and car bodies ----- | 284 | 355 | 152 | 240.1 | 6 821.9 | 193.5 | 364.2 | 5 261.5 | 15 455.8 | 70 739.7 |
| 3713 | Truck and bus bodies ----- | 636 | 680 | 277 | 28.1 | 497.2 | 21.1 | 40.0 | 344.2 | 1 176.9 | 2 463.6 |
| 3714 | Motor vehicle parts and accessories ----- | 2 000 | 2 420 | 1 111 | 321.4 | 7 614.0 | 251.1 | 481.8 | 5 614.2 | 16 764.6 | 36 293.1 |
| 3715 | Truck trailers ----- | 286 | 325 | 154 | 18.8 | 339.6 | 14.0 | 27.1 | 223.2 | 592.2 | 1 820.6 |
| 3716 | Motor homes produced on purchased chassis ----- | 79 | 87 | 55 | 7.2 | 120.6 | 5.7 | 10.2 | 79.3 | 304.0 | 952.7 |
| 372 | Aircraft and parts ----- | (NA) | 1 471 | 730 | 538.6 | 14 717.5 | 288.5 | 572.8 | 6 987.1 | 29 402.2 | 52 026.7 |
| 3721 | Aircraft ----- | 139 | 165 | 86 | 275.1 | 7 743.7 | 138.6 | 272.2 | 3 517.9 | 15 641.9 | 28 024.3 |
| 3724 | Aircraft engines and engine parts -- | 281 | 340 | 225 | 130.7 | 3 544.4 | 76.5 | 154.0 | 1 819.3 | 7 572.2 | 13 809.3 |
| 3728 | Aircraft equipment, n.e.c. ----- | 912 | 966 | 419 | 132.8 | 3 429.4 | 73.5 | 146.6 | 1 650.0 | 6 188.1 | 10 193.1 |
| 373 | Ship and boat building and repairing -- | (NA) | 2 566 | 762 | 205.0 | 4 325.8 | 161.5 | 319.3 | 3 194.0 | 7 508.6 | 13 326.4 |
| 3731 | Ship building and repairing ----- | 617 | 689 | 377 | 166.7 | 3 737.7 | 130.7 | 259.4 | 2 771.2 | 6 379.4 | 10 967.2 |
| 3732 | Boat building and repairing ----- | 1 834 | 1 877 | 385 | 38.3 | 588.1 | 30.8 | 59.9 | 422.8 | 1 129.2 | 2 359.2 |
| 3743 | Railroad equipment ----- | 158 | 200 | 107 | 34.5 | 790.4 | 22.8 | 38.9 | 478.7 | 1 491.8 | 3 456.6 |
| 3751 | Motorcycles, bicycles, and parts ----- | 269 | 273 | 67 | 13.0 | 224.9 | 10.4 | 19.0 | 168.8 | 402.5 | 1 341.1 |
| 376 | Guided missiles, space vehicles, parts ----- | (NA) | 105 | 86 | 146.3 | 4 481.1 | 59.7 | 120.1 | 1 483.3 | 9 856.6 | 14 398.0 |
| 3761 | Guided missiles and space vehicles ----- | 16 | 29 | 28 | 99.6 | 3 159.4 | 35.9 | 70.5 | 915.7 | 7 025.5 | 10 218.6 |
| 3764 | Space propulsion units and parts ----- | 20 | 27 | 25 | 25.3 | 737.1 | 10.8 | 23.4 | 263.1 | 1 534.0 | 2 221.2 |
| 3769 | Space vehicle equipment, n.e.c. ----- | 45 | 49 | 33 | 21.4 | 584.6 | 13.0 | 26.2 | 304.5 | 1 297.1 | 1 958.3 |
| 379 | Miscellaneous transportation equipment ----- | (NA) | 961 | 299 | 42.9 | 878.8 | 31.3 | 58.0 | 544.5 | 1 977.0 | 4 527.7 |
| 3792 | Travel trailers and campers ----- | 446 | 492 | 142 | 13.8 | 221.6 | 11.2 | 20.4 | 149.8 | 442.4 | 1 281.6 |
| 3795 | Tanks and tank components ----- | 38 | 44 | 37 | 18.2 | 475.9 | 12.6 | 23.3 | 291.1 | 1 157.7 | 2 351.0 |
| 3799 | Transportation equipment, n.e.c. --- | 408 | 425 | 120 | 10.9 | 181.2 | 7.5 | 14.4 | 103.7 | 377.0 | 895.2 |
| 38 | Instruments and related products ---- | 7 126 | 8 045 | 3 015 | 623.6 | 12 882.9 | 363.3 | 696.0 | 5 917.1 | 33 672.2 | 51 797.6 |
| 3811 | Engineering and scientific instruments ----- | 738 | 771 | 272 | 42.8 | 869.1 | 25.9 | 49.8 | 439.9 | 2 101.1 | 3 046.2 |
| 382 | Measuring and controlling devices ---- | (NA) | 2 483 | 1 060 | 227.7 | 4 646.4 | 124.1 | 234.5 | 1 946.7 | 10 007.3 | 14 632.8 |
| 3822 | Environmental controls ----- | 221 | 245 | 89 | 28.8 | 497.5 | 20.6 | 36.2 | 301.9 | 1 025.7 | 1 549.1 |
| 3823 | Process control instruments ----- | 586 | 627 | 290 | 60.3 | 1 256.1 | 30.0 | 57.7 | 482.0 | 2 826.9 | 4 037.8 |
| 3824 | Fluid meters and counting devices -- | 133 | 145 | 70 | 11.1 | 198.0 | 6.9 | 13.1 | 109.4 | 460.2 | 728.3 |
| 3825 | Instruments to measure electricity -- | 676 | 749 | 352 | 89.7 | 1 888.2 | 48.9 | 92.5 | 757.1 | 4 290.1 | 6 094.4 |
| 3829 | Measuring and controlling devices, n.e.c. ----- | 693 | 717 | 259 | 37.8 | 806.7 | 17.7 | 35.0 | 296.3 | 1 404.5 | 2 223.1 |
| 3832 | Optical instruments and lenses ----- | 574 | 638 | 294 | 50.0 | 1 025.5 | 25.5 | 50.3 | 427.9 | 2 368.2 | 3 757.3 |
| 384 | Medical instruments and supplies ---- | (NA) | 2 711 | 894 | 141.3 | 2 491.9 | 94.4 | 180.9 | 1 282.6 | 6 978.4 | 10 863.3 |
| 3841 | Surgical and medical instruments ---- | 766 | 859 | 312 | 56.9 | 999.5 | 38.5 | 74.3 | 517.5 | 2 884.8 | 4 084.5 |
| 3842 | Surgical appliances and supplies ---- | 1 224 | 1 367 | 451 | 68.8 | 1 211.1 | 46.1 | 87.8 | 633.1 | 3 450.8 | 5 667.1 |
| 3843 | Dental equipment and supplies ----- | 438 | 485 | 131 | 15.5 | 281.3 | 9.8 | 18.8 | 132.0 | 642.8 | 1 111.7 |
| 3851 | Ophthalmic goods ----- | 390 | 410 | 122 | 25.8 | 408.7 | 17.1 | 34.5 | 212.6 | 874.2 | 1 273.0 |
| 3861 | Photographic equipment and supplies -- | 723 | 795 | 286 | 119.3 | 3 193.1 | 64.1 | 123.7 | 1 457.2 | 10 859.5 | 17 037.5 |
| 3873 | Watches, clocks, and watchcases ---- | 227 | 237 | 87 | 16.8 | 248.1 | 12.3 | 22.4 | 150.2 | 483.5 | 1 187.6 |
| 39 | Miscellaneous manufacturing industries ----- | 15 241 | 15 871 | 3 568 | 382.6 | 5 646.9 | 280.8 | 522.8 | 3 413.6 | 14 059.1 | 26 891.4 |
| 391 | Jewelry, silverware, and plated ware -- | (NA) | 2 882 | 504 | 50.2 | 770.1 | 34.7 | 64.8 | 447.8 | 1 784.4 | 4 378.5 |
| 3911 | Jewelry, precious metal ----- | 2 159 | 2 193 | 367 | 35.3 | 535.8 | 23.7 | 43.6 | 302.6 | 1 278.8 | 3 039.1 |
| 3914 | Silverware and plated ware ----- | 199 | 208 | 55 | 9.1 | 148.3 | 6.5 | 12.4 | 91.6 | 311.9 | 583.9 |
| 3915 | Jewelers' materials and lapidary work ----- | 477 | 481 | 82 | 5.8 | 86.1 | 4.5 | 8.8 | 53.6 | 193.7 | 755.5 |
| 3931 | Musical instruments ----- | 403 | 452 | 137 | 17.8 | 257.8 | 14.0 | 25.7 | 176.6 | 494.8 | 915.9 |
| 394 | Toys and sporting goods ----- | (NA) | 2 570 | 784 | 98.9 | 1 389.3 | 74.0 | 137.8 | 837.8 | 4 610.1 | 8 255.6 |
| 3942 | Dolls ----- | 233 | 237 | 71 | 7.3 | 86.6 | 5.9 | 10.6 | 48.1 | 209.5 | 402.7 |
| 3944 | Games, toys, and children's vehicles ----- | 732 | 780 | 253 | 43.8 | 625.0 | 32.2 | 59.4 | 363.6 | 2 622.6 | 4 476.0 |
| 3949 | Sporting and athletic goods, n.e.c. --- | 1 453 | 1 553 | 460 | 47.8 | 677.7 | 36.0 | 67.7 | 426.1 | 1 778.0 | 3 376.8 |
| 395 | Pens, pencils, and office and art supplies ----- | (NA) | 1 026 | 267 | 32.2 | 484.8 | 23.7 | 45.3 | 304.2 | 1 262.8 | 2 371.7 |
| 3951 | Pens and mechanical pencils ----- | 129 | 136 | 69 | 11.6 | 174.8 | 8.8 | 16.8 | 112.3 | 472.6 | 809.4 |
| 3952 | Lead pencils and art goods ----- | 144 | 148 | 43 | 6.0 | 87.5 | 4.3 | 8.0 | 48.6 | 244.8 | 445.9 |
| 3953 | Marking devices ----- | 593 | 627 | 88 | 7.6 | 107.1 | 5.5 | 10.2 | 65.7 | 221.4 | 337.6 |
| 3955 | Carbon paper and inked ribbons ---- | 93 | 115 | 67 | 6.9 | 115.4 | 5.2 | 10.3 | 77.6 | 324.1 | 778.8 |
| 396 | Costume jewelry and notions ----- | (NA) | 1 356 | 379 | 41.9 | 527.8 | 32.2 | 61.9 | 336.0 | 1 156.4 | 2 110.2 |
| 3961 | Costume jewelry ----- | 780 | 785 | 186 | 21.1 | 263.3 | 15.7 | 29.4 | 158.0 | 588.9 | 1 027.1 |
| 3962 | Artificial flowers ----- | 207 | 215 | 61 | 4.7 | 52.0 | 3.7 | 6.8 | 34.1 | 120.8 | 260.1 |
| 3963 | Buttons ----- | 110 | 117 | 34 | 2.7 | 35.4 | 2.1 | 3.9 | 23.1 | 67.0 | 124.2 |
| 3964 | Needles, pins, and fasteners ----- | 223 | 239 | 98 | 13.4 | 177.1 | 10.6 | 21.8 | 120.8 | 379.6 | 698.8 |

See footnotes at end of table.

These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| 1982—Con. | | | | | | | 1977 | | | | | | SIC code |
|---------------------------------------|---|---|-------------------------------------|--|----------------------------------|-----------------------|-------------------|---------------------------------|--|--|---|------|-------------|
| New capital expenditures ⁵ | | | Inventories ³ | | Ratios | | All employees | | Value added by manu- facture (million dollars) | Value of shipments ⁴ (million dollars) | New capital expend- itures ⁵ (million dollars) | | |
| Total (million dollars) | Structures and additions to plant (million dollars) | Machinery and equipment (million dollars) | End of year (million dollars) | Beginning of year (million dollars) | Special- ization (percent) | Coverage (percent) | Number (1,000) | Payroll (million dollars) | | | | | |
| 7 214.4 | 1 503.1 | 5 711.3 | 42 282.5 | 39 302.1 | (NA) | (NA) | 1 768.2 | 30 673.5 | 64 291.1 | 166 954.0 | 4 670.9 | 37 | |
| 4 264.4 | 689.6 | 3 574.8 | 8 453.3 | 9 346.4 | (NA) | (NA) | 876.3 | 16 037.7 | 37 023.1 | 117 746.5 | 3 636.1 | 371 | |
| 2 368.3 | 538.1 | 1 830.2 | 3 621.2 | 3 696.5 | 95 | 99 | 343.6 | 7 077.6 | 18 723.7 | 76 517.8 | 1 706.1 | 3711 | |
| 49.2 | 9.4 | 39.9 | 412.1 | 409.4 | 93 | 94 | 34.8 | 428.6 | 946.3 | 2 003.3 | 44.2 | 3713 | |
| 1 791.7 | 126.3 | 1 665.4 | 3 945.2 | 4 710.0 | 93 | 86 | 450.7 | 8 004.0 | 16 263.8 | 35 750.8 | 1 833.2 | 3714 | |
| 39.7 | 13.3 | 26.4 | 342.8 | 410.9 | 95 | 95 | 28.1 | 322.0 | 645.9 | 1 910.1 | 36.2 | 3715 | |
| 15.5 | 2.5 | 13.0 | 131.9 | 119.7 | 97 | 88 | 19.2 | 205.4 | 443.3 | 1 564.5 | 16.4 | 3716 | |
| 1 680.3 | 390.8 | 1 289.6 | 27 641.2 | 23 948.7 | (NA) | (NA) | 430.8 | 7 620.5 | 14 731.7 | 25 867.1 | 508.3 | 372 | |
| 836.4 | 235.9 | 600.5 | 19 143.9 | 15 758.3 | 87 | 97 | 222.7 | 3 975.9 | 8 134.1 | 14 834.2 | 202.4 | 3721 | |
| 441.1 | 81.7 | 359.4 | 4 691.6 | 4 590.3 | 85 | 96 | 106.1 | 1 939.4 | 3 599.1 | 6 272.3 | 174.9 | 3724 | |
| 402.9 | 73.2 | 329.7 | 3 805.7 | 3 600.0 | 71 | 65 | 102.0 | 1 705.2 | 2 998.4 | 4 760.6 | 131.1 | 3728 | |
| 496.1 | 205.0 | 291.0 | 1 817.2 | 2 154.1 | (NA) | (NA) | 220.2 | 2 939.8 | 4 681.4 | 8 317.8 | 203.6 | 373 | |
| 438.4 | 193.8 | 244.7 | 1 353.6 | 1 699.9 | 99 | 99 | 176.4 | 2 494.0 | 3 825.0 | 6 495.1 | 161.3 | 3731 | |
| 57.6 | 11.3 | 46.4 | 463.5 | 454.2 | 98 | 96 | 43.8 | 445.8 | 856.3 | 1 822.6 | 42.3 | 3732 | |
| 142.3 | 44.6 | 97.8 | 775.7 | 1 045.7 | 85 | 96 | 56.3 | 888.6 | 1 882.8 | 4 278.3 | 80.4 | 3743 | |
| 23.1 | 4.6 | 18.5 | 285.5 | 336.1 | 85 | 96 | 15.6 | 168.9 | 369.8 | 1 007.6 | 24.1 | 3751 | |
| 461.5 | 125.9 | 335.6 | 2 081.7 | 1 548.3 | (NA) | (NA) | 119.8 | 2 427.3 | 4 421.9 | 6 599.3 | 164.2 | 376 | |
| 293.3 | 77.9 | 215.3 | 1 685.3 | 1 184.9 | 83 | 86 | 94.0 | 1 931.5 | 3 564.8 | 5 314.4 | 125.6 | 3761 | |
| 95.8 | 26.5 | 69.2 | 276.0 | 225.4 | 89 | 89 | 18.6 | 356.6 | 620.7 | 945.5 | 25.3 | 3764 | |
| 72.4 | 21.4 | 51.0 | 120.4 | 138.0 | 62 | 46 | 7.2 | 139.2 | 236.3 | 339.4 | 13.3 | 3769 | |
| 146.7 | 42.7 | 104.0 | 1 228.0 | 922.7 | (NA) | (NA) | 49.1 | 590.7 | 1 180.5 | 3 137.5 | 54.1 | 379 | |
| 17.0 | 6.1 | 10.8 | 136.5 | 135.1 | 88 | 97 | 26.3 | 275.7 | 510.3 | 1 582.4 | 31.0 | 3792 | |
| 114.7 | 33.5 | 81.2 | 919.6 | 606.7 | (D) | 79 | 12.4 | 208.5 | 437.6 | 934.2 | 13.2 | 3795 | |
| 15.0 | 3.0 | 12.0 | 171.9 | 180.9 | 93 | 82 | 10.3 | 106.6 | 232.7 | 620.9 | 9.8 | 3799 | |
| 2 103.0 | 457.4 | 1 645.6 | 10 925.1 | 11 354.9 | (NA) | (NA) | 559.1 | 7 520.4 | 18 762.0 | 28 897.8 | 938.9 | 38 | |
| 102.8 | 27.7 | 75.1 | 821.9 | 792.0 | 82 | 78 | 42.3 | 584.4 | 1 287.2 | 1 926.7 | 57.4 | 3811 | |
| 601.5 | 146.4 | 455.1 | 3 686.3 | 3 758.6 | (NA) | (NA) | 200.1 | 2 665.8 | 5 242.3 | 7 910.3 | 268.0 | 382 | |
| 66.8 | 16.9 | 49.9 | 361.7 | 393.0 | 92 | 90 | 39.0 | 450.3 | 859.6 | 1 358.7 | 47.7 | 3822 | |
| 127.4 | 28.5 | 98.9 | 1 074.4 | 1 117.6 | 91 | 87 | 46.5 | 664.8 | 1 399.4 | 2 022.0 | 52.1 | 3823 | |
| 27.6 | 2.4 | 25.2 | 172.0 | 174.8 | 94 | 84 | 15.9 | 197.6 | 429.0 | 650.4 | 19.9 | 3824 | |
| 308.3 | 81.1 | 227.1 | 1 469.1 | 1 414.6 | 94 | 91 | 66.5 | 889.1 | 1 807.7 | 2 761.0 | 99.1 | 3825 | |
| 71.5 | 17.5 | 54.0 | 609.1 | 658.6 | 89 | 83 | 32.3 | 464.0 | 746.6 | 1 118.1 | 49.3 | 3829 | |
| 150.8 | 39.5 | 111.3 | 987.3 | 957.2 | 88 | 86 | 30.0 | 421.2 | 897.4 | 1 330.4 | 51.3 | 3832 | |
| 439.5 | 124.4 | 315.1 | 2 225.6 | 2 151.6 | (NA) | (NA) | 113.5 | 1 318.8 | 3 261.9 | 5 217.0 | 172.0 | 384 | |
| 230.2 | 70.5 | 159.7 | 847.7 | 788.1 | 90 | 81 | 43.2 | 491.4 | 1 208.8 | 1 833.1 | 87.2 | 3841 | |
| 187.7 | 49.1 | 138.6 | 1 106.7 | 1 093.3 | 86 | 89 | 53.9 | 624.1 | 1 594.5 | 2 597.3 | 68.6 | 3842 | |
| 21.6 | 4.8 | 16.8 | 271.2 | 270.2 | 95 | 99 | 16.3 | 203.3 | 458.6 | 786.7 | 16.2 | 3843 | |
| 41.0 | 6.5 | 34.5 | 321.7 | 340.5 | 91 | 98 | 30.0 | 314.1 | 656.2 | 971.8 | 44.1 | 3851 | |
| 752.6 | 109.8 | 642.8 | 2 601.4 | 3 048.4 | 94 | 97 | 111.7 | 1 899.6 | 6 732.4 | 9 946.9 | 322.7 | 3861 | |
| 14.6 | 3.0 | 11.6 | 281.0 | 306.5 | 95 | 93 | 31.5 | 316.6 | 684.5 | 1 594.7 | 23.2 | 3873 | |
| 629.2 | 149.8 | 479.3 | 5 220.4 | 5 286.9 | (NA) | (NA) | 440.7 | 4 406.4 | 10 291.0 | 19 150.7 | 473.6 | 39 | |
| 52.3 | 8.4 | 43.9 | 1 206.5 | 1 246.2 | (NA) | (NA) | 61.3 | 637.6 | 1 448.5 | 3 249.3 | 39.6 | 391 | |
| 33.4 | 5.0 | 28.4 | 824.2 | 814.3 | 94 | 97 | 42.1 | 432.0 | 979.8 | 2 107.0 | 25.6 | 3911 | |
| 11.8 | 2.4 | 9.4 | 194.0 | 231.2 | 96 | 98 | 10.8 | 119.8 | 255.1 | 457.0 | 8.0 | 3914 | |
| 7.1 | .9 | 6.1 | 188.4 | 200.7 | 96 | 86 | 8.3 | 85.9 | 213.6 | 685.2 | 5.9 | 3915 | |
| 20.1 | 3.8 | 16.2 | 270.7 | 280.9 | 98 | 97 | 25.2 | 252.7 | 488.2 | 924.9 | 13.8 | 3931 | |
| 195.4 | 45.7 | 149.6 | 1 519.9 | 1 522.3 | (NA) | (NA) | 119.4 | 1 111.8 | 2 999.8 | 5 485.0 | 147.6 | 394 | |
| 7.3 | 3.9 | 3.4 | 71.2 | 71.2 | 90 | 66 | 9.1 | 65.3 | 181.6 | 340.2 | 6.4 | 3942 | |
| 111.5 | 27.5 | 84.0 | 652.5 | 644.5 | 89 | 91 | 53.1 | 520.6 | 1 544.6 | 2 719.7 | 78.5 | 3944 | |
| 76.5 | 14.3 | 62.2 | 796.2 | 806.6 | 97 | 95 | 57.2 | 525.8 | 1 273.6 | 2 425.1 | 62.7 | 3949 | |
| 74.8 | 17.6 | 57.1 | 454.4 | 445.2 | (NA) | (NA) | 31.8 | 331.1 | 867.6 | 1 538.4 | 55.3 | 395 | |
| 27.8 | 7.1 | 20.7 | 172.0 | 172.5 | 91 | 86 | 13.2 | 135.6 | 419.8 | 669.8 | 32.8 | 3951 | |
| 16.2 | 5.6 | 10.6 | 106.3 | 112.9 | 79 | 88 | 6.6 | 63.1 | 145.5 | 275.9 | 10.8 | 3952 | |
| 7.6 | 1.7 | 5.9 | 50.7 | 46.2 | 94 | 90 | 7.4 | 78.7 | 160.0 | 248.7 | 5.5 | 3953 | |
| 23.1 | 3.2 | 20.0 | 125.5 | 113.6 | 83 | 73 | 4.6 | 53.7 | 142.4 | 344.0 | 6.2 | 3955 | |
| 63.7 | 18.3 | 45.5 | 394.7 | 425.1 | (NA) | (NA) | 51.0 | 450.5 | 1 002.0 | 1 766.2 | 44.0 | 396 | |
| 16.6 | 4.0 | 12.7 | 175.1 | 200.7 | 93 | 90 | 25.0 | 215.9 | 485.1 | 816.6 | 17.6 | 3961 | |
| 5.5 | 1.3 | 4.3 | 59.9 | 61.4 | 96 | 96 | 5.0 | 38.2 | 91.5 | 180.2 | 3.0 | 3962 | |
| 1.9 | — | 1.8 | 17.3 | 18.2 | 93 | 78 | 3.2 | 30.8 | 50.0 | 95.2 | 1.4 | 3963 | |
| 39.7 | 13.0 | 26.7 | 142.4 | 144.8 | 86 | 93 | 17.7 | 165.6 | 375.4 | 674.2 | 22.0 | 3964 | |

Table 3. Selected Statistics by Industry Group and Industry: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the industry reports previously published.]

| SIC code | Industry group and industry | 1982 | | | | | | | | | |
|-------------|--|------------------------------------|---------------------------------|---|-------------------|---------------------------------|--------------------|---------------------|-------------------------------|---|--|
| | | Companies ¹ (number) | All establishments ² | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Value of shipments ⁴ (million dollars) |
| | | | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | |
| 39 | Miscellaneous manufacturing industries—Con. | | | | | | | | | | |
| 399 | Miscellaneous manufactures ----- | (NA) | 7 585 | 1 497 | 141.7 | 2 217.1 | 102.1 | 187.3 | 1 311.2 | 4 750.6 | 8 859.5 |
| 3991 | Brooms and brushes----- | 320 | 341 | 139 | 14.1 | 197.1 | 10.5 | 19.4 | 123.0 | 432.5 | 818.1 |
| 3993 | Signs and advertising displays ----- | 3 155 | 3 243 | 662 | 52.8 | 870.7 | 36.4 | 66.4 | 497.3 | 1 583.9 | 2 692.4 |
| 3995 | Burial caskets ----- | 270 | 301 | 110 | 10.3 | 145.1 | 8.1 | 15.3 | 98.0 | 374.6 | 682.1 |
| 3996 | Hard surface floor coverings ----- | 12 | 17 | 10 | 5.3 | 112.1 | 3.9 | 7.3 | 78.3 | 323.4 | 604.1 |
| 3999 | Manufacturing industries, n.e.c. ----- | 3 635 | 3 683 | 576 | 59.3 | 892.0 | 43.1 | 79.0 | 514.6 | 2 036.2 | 4 062.8 |
| -- | Auxiliaries----- | 3 557 | 9 676 | 5 204 | 1 276.0 | 38 220.4 | - | - | - | - | - |

Note: Payroll, employment, and sales data for some small single-unit companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate the items shown for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at time data were tabulated.

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during year.

³Beginning in 1982, all respondents were requested to report their inventories at cost or market prior to adjustment to LIFO cost. This is a change from prior years in which respondents were permitted to value their inventories using any generally accepted accounting method. Consequently, 1982 data for inventories and value added by manufacture are not comparable to prior year data.

⁴The total value of shipments for industry groups (two- and three-digit) and a few individual industries (four-digit) includes extensive duplication arising from shipments between establishments in the same industry classification.

⁵Includes expenditures for plants in operation and for plants under construction but not yet in operation.

⁶Data in value of shipments column represent value of production rather than value of shipments. Consequently, formula for computing value added by manufacture was modified to exclude any change in finished products between beginning- and end-of-year inventories.

⁷Value added data include government-owned, contractor-operated plants which were estimated based upon averages reported for commercial establishments in prior years. Cost of materials data exclude government-owned materials furnished to government-owned, contractor-operated plants and include fuel and electricity purchased by or for the establishments. Value of shipments data include a calculated value of shipments for government-owned, contractor-operated plants comprised of adjusted value added plus the cost of fuels and electric energy. New capital expenditures include expenditures for plants under construction but not in operation. Capital expenditures of government-owned, contractor-operated plants are excluded from the totals for the industry.

⁸Government-owned, privately-operated establishments did not enter into the calculation of "primary product specialization ratio" or "coverage ratio" as all other dollar receipts for these establishments were included in "miscellaneous receipts."

⁹Minimum percentage; exact percentage withheld to avoid disclosing data for individual companies.

¹⁰The value of shipments and cost of materials for this industry include substantial duplication; therefore, the specialization ratios and coverage ratios were not calculated.

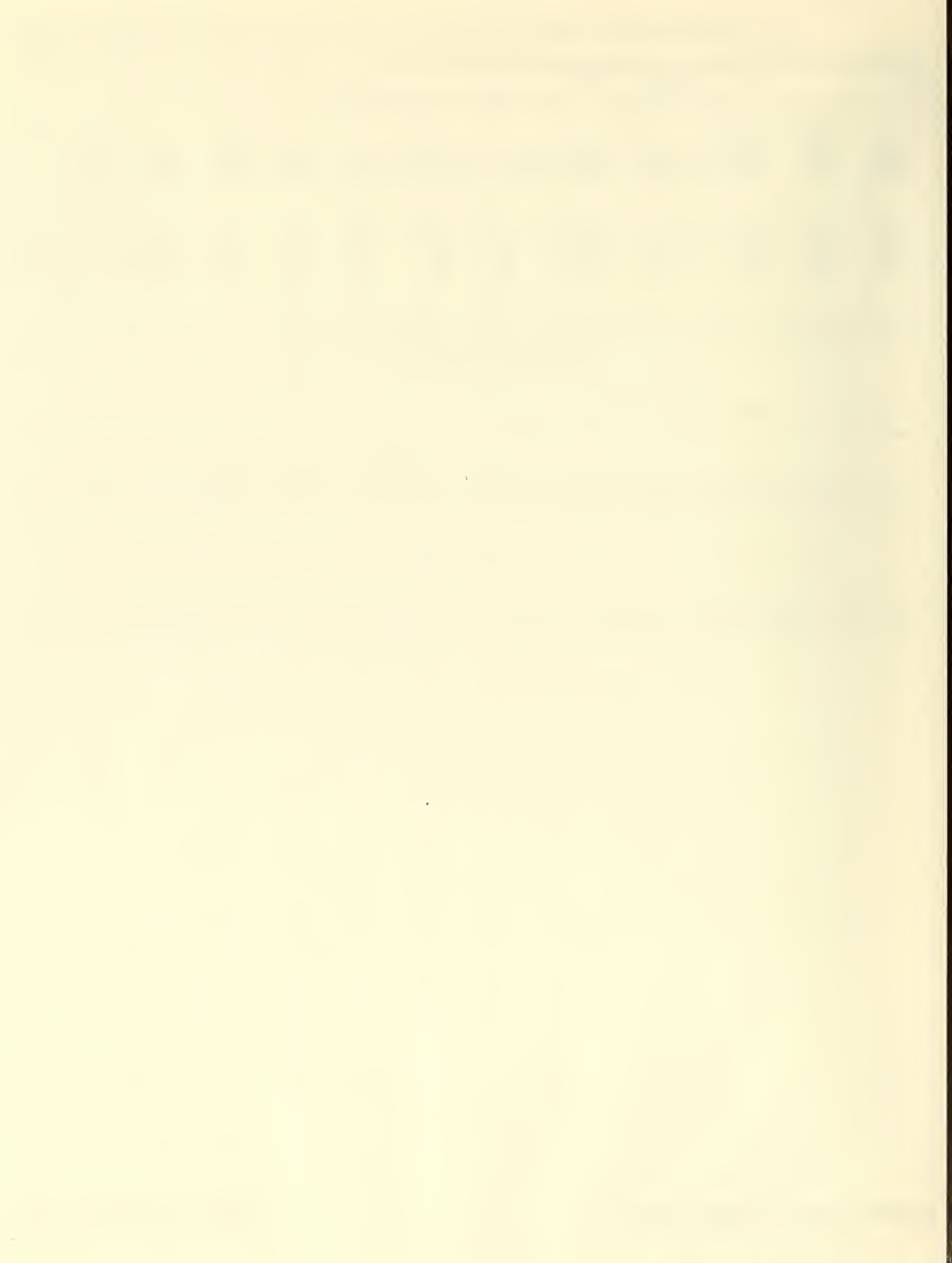
¹¹Relationships are not meaningful because of the predominance of receipts for contract and commission work on materials owned by others. Such receipts are treated as primary products for this industry.

¹²Data in value of shipments column represent value of work done rather than value of shipments. Consequently, the formula for computing value added by manufacture was not adjusted for any change between beginning- and end-of-year inventories.

¹³In 1982 and 1977, in addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns reported separately for auxiliary units which serve the manufacturing establishments of a company (e.g., storage warehouses, power plants, research laboratories, garages, repair shops, etc.) rather than the general public. Separate reports were obtained if these units were at different general locations from the establishments served or if they serviced more than one manufacturing establishment. The figures shown for these units do not represent a separate industry but rather a balancing total for all manufacturing industries.

These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| 1982—Con. | | | | | | | 1977 | | | | | SIC code |
|---------------------------------------|---|---|-------------------------------------|--|----------------------------------|-----------------------|-------------------|---------------------------------|--|--|---|-------------|
| New capital expenditures ⁵ | | | Inventories ³ | | Ratios | | All employees | | Value added by manu- facture (million dollars) | Value of shipments ⁴ (million dollars) | New capital expend- itures ⁵ (million dollars) | |
| Total (million dollars) | Structures and additions to plant (million dollars) | Machinery and equipment (million dollars) | End of year (million dollars) | Beginning of year (million dollars) | Special- ization (percent) | Coverage (percent) | Number (1,000) | Payroll (million dollars) | | | | |
| | | | | | | | | | | | | 39 |
| 222.9 | 56.0 | 166.9 | 1 374.1 | 1 367.3 | (NA) | (NA) | 152.0 | 1 622.6 | 3 484.8 | 6 186.9 | 173.3 | 399 |
| 17.2 | 3.9 | 13.3 | 155.1 | 166.5 | 90 | 89 | 16.5 | 163.8 | 353.6 | 673.1 | 15.7 | 3991 |
| 63.1 | 12.1 | 51.0 | 310.0 | 301.9 | 97 | 96 | 49.7 | 566.6 | 1 060.9 | 1 738.7 | 43.0 | 3993 |
| 36.7 | 9.0 | 27.7 | 103.4 | 98.4 | 100 | 99 | 12.0 | 129.7 | 264.2 | 505.9 | 16.3 | 3995 |
| 18.2 | 1.5 | 16.7 | 118.1 | 126.6 | 94 | 95-100 | 6.4 | 93.5 | 321.3 | 607.2 | 16.9 | 3996 |
| 87.7 | 29.5 | 58.2 | 687.4 | 673.9 | 92 | 93 | 67.3 | 669.1 | 1 484.7 | 2 662.0 | 81.3 | 3999 |
| - | - | - | - | - | - | - | 1 074.2 | 21 981.2 | - | - | - | -- |



CHAPTER 2.

Industry Statistics

CONTENTS

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Table 1. Statistics for Operating Manufacturing Establishments by Major Group: 1982 and Earlier Years

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendix. Data in this table may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| SIC code | Major group and year | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ² (million dollars) | Cost of materials ³ (million dollars) | Value of shipments ³ (million dollars) | New capital expenditures (million dollars) |
|----------|----------------------------------|---------------------------------|---|-------------------|---------------------------------|--------------------|---------------------|-------------------------------|--|---|--|---|
| | | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| | All industries | | | | | | | | | | | |
| | 1982 Census..... | 348 385 | 117 959 | 17 818.1 | 341 406.2 | 12 400.6 | 23 538.3 | 204 787.2 | 824 117.7 | * 130 142.7 | 1 960 205.8 | 74 561.6 |
| | 1981 ASM..... | (NA) | (NA) | 18 919.8 | 341 319.8 | 13 542.8 | 26 233.1 | 212 200.9 | 837 506.5 | 1 193 969.6 | 2 017 542.5 | 78 632.3 |
| | 1980 ASM..... | (NA) | (NA) | 19 311.4 | 316 494.5 | 13 900.1 | 26 745.7 | 198 164.0 | 773 831.3 | 1 093 567.6 | 1 852 668.3 | 70 112.8 |
| | 1979 ASM..... | (NA) | (NA) | 19 756.5 | 298 529.1 | 14 537.8 | 28 324.3 | 192 881.5 | 747 480.5 | 999 157.5 | 1 727 214.6 | 61 533.0 |
| | 1978 ASM..... | (NA) | (NA) | 19 239.4 | 271 540.9 | 14 228.7 | 27 676.5 | 176 416.8 | 657 412.0 | 877 424.7 | 1 522 937.3 | 55 209.2 |
| | 1977 Census..... | 350 757 | 113 843 | 18 515.9 | 242 031.9 | 13 691.0 | 26 686.6 | 157 163.6 | 585 165.6 | 782 417.7 | 1 358 526.4 | 47 459.0 |
| | 1976 ASM..... | (NA) | (NA) | 17 682.7 | 212 997.8 | 13 052.0 | 25 354.2 | 137 565.4 | 511 471.1 | 681 194.1 | 1 185 695.3 | 40 669.4 |
| | 1975 ASM..... | (NA) | (NA) | 17 173.8 | 190 504.1 | 12 569.1 | 24 069.4 | 121 429.2 | 442 485.1 | 597 327.2 | 1 039 377.4 | 37 262.0 |
| | 1974 ASM..... | (NA) | (NA) | 18 712.8 | 190 574.3 | 13 970.9 | 27 239.3 | 124 983.2 | 452 477.6 | 581 710.8 | 1 017 846.9 | 35 698.7 |
| | 1973 ASM..... | (NA) | (NA) | 18 869.7 | 178 316.5 | 14 232.8 | 28 096.9 | 118 332.6 | 405 583.6 | 478 169.6 | 875 433.2 | 26 972.7 |
| | 1972 Census..... | 312 671 | 109 950 | 18 034.4 | 160 433.2 | 13 527.9 | 26 699.2 | 105 501.8 | 353 994.0 | 407 402.1 | 756 534.3 | 24 077.7 |
| | 1971 ASM..... | (NA) | (NA) | 17 426.3 | 144 246.3 | 12 874.9 | 25 265.9 | 93 231.7 | 314 138.4 | 356 016.9 | 670 970.5 | 20 940.7 |
| | 1970 ASM..... | (NA) | (NA) | 18 289.5 | 141 886.4 | 13 528.0 | 26 669.3 | 91 609.0 | 300 227.6 | 336 551.6 | 634 322.1 | 22 164.3 |
| | 1969 ASM..... | (NA) | (NA) | 19 155.6 | 142 645.1 | 14 357.8 | 28 599.8 | 93 459.6 | 304 440.7 | 341 724.5 | 642 635.8 | 22 291.4 |
| | 1968 ASM..... | (NA) | (NA) | 18 681.0 | 132 568.4 | 14 041.2 | 28 156.8 | 87 480.4 | 285 058.9 | 320 698.0 | 603 220.1 | 20 613.1 |
| | 1967 Census..... | 305 680 | 107 138 | 18 492.0 | 123 480.6 | 13 955.3 | 27 837.6 | 81 393.6 | 261 983.8 | 298 513.7 | 557 397.8 | 21 503.0 |
| 20 | Food and Kindred Products | | | | | | | | | | | |
| | 1982 Census..... | 22 130 | 10 681 | 1 487.7 | 26 087.5 | 1 046.8 | 2 033.4 | 16 439.5 | 88 419.1 | 192 216.6 | 280 529.3 | 6 726.9 |
| | 1981 ASM..... | (NA) | (NA) | 1 511.2 | 24 695.7 | 1 068.7 | 2 115.0 | 15 707.1 | 80 794.7 | 191 594.7 | 272 139.6 | 6 012.3 |
| | 1980 ASM..... | (NA) | (NA) | 1 537.5 | 23 221.6 | 1 089.9 | 2 152.6 | 14 797.1 | 75 301.6 | 181 271.5 | 255 871.3 | 5 852.4 |
| | 1979 ASM..... | (NA) | (NA) | 1 552.2 | 21 678.0 | 1 101.4 | 2 178.0 | 13 837.6 | 68 732.9 | 167 980.9 | 235 974.7 | 5 034.2 |
| | 1978 ASM..... | (NA) | (NA) | 1 546.9 | 20 308.4 | 1 097.4 | 2 158.0 | 12 863.5 | 62 910.9 | 153 391.2 | 216 071.2 | 4 807.1 |
| | 1977 Census..... | 26 656 | 11 038 | 1 520.2 | 18 543.6 | 1 072.0 | 2 112.4 | 11 730.7 | 56 062.2 | 136 963.7 | 192 911.6 | 4 214.9 |
| | 1976 ASM..... | (NA) | (NA) | 1 525.2 | 15 855.7 | 1 054.8 | 2 067.1 | 9 836.8 | 48 094.7 | 123 788.0 | 172 157.6 | 3 433.5 |
| | 1975 ASM..... | (NA) | (NA) | 1 527.3 | 15 891.2 | 1 056.8 | 2 071.4 | 9 861.2 | 48 142.0 | 123 953.5 | 172 510.4 | 3 399.4 |
| | 1974 ASM..... | (NA) | (NA) | 1 553.0 | 14 787.9 | 1 074.8 | 2 125.8 | 9 196.3 | 44 947.5 | 118 330.6 | 162 104.2 | 3 006.1 |
| | 1973 ASM..... | (NA) | (NA) | 1 560.1 | 13 670.2 | 1 080.6 | 2 157.7 | 8 470.4 | 39 692.9 | 97 430.5 | 135 582.8 | 2 412.0 |
| | 1972 Census..... | 28 193 | 12 333 | 1 569.4 | 12 921.8 | 1 085.4 | 2 167.3 | 8 007.7 | 35 616.6 | 79 800.3 | 115 060.3 | 2 354.9 |
| | 1971 ASM..... | (NA) | (NA) | 1 574.1 | 12 179.9 | 1 072.7 | 2 145.4 | 7 437.5 | 34 109.8 | 69 777.5 | 103 630.9 | 2 245.0 |
| | 1970 ASM..... | (NA) | (NA) | 1 619.0 | 11 698.1 | 1 104.7 | 2 216.2 | 7 095.5 | 32 289.0 | 66 455.8 | 98 533.0 | 2 143.8 |
| | 1969 ASM..... | (NA) | (NA) | 1 652.5 | 11 135.3 | 1 131.7 | 2 265.0 | 6 782.1 | 29 997.0 | 63 608.4 | 93 379.9 | 1 916.6 |
| | 1968 ASM..... | (NA) | (NA) | 1 632.4 | 10 496.6 | 1 114.3 | 2 233.5 | 6 389.8 | 28 201.7 | 59 307.0 | 87 327.4 | 1 739.7 |
| | 1967 Census..... | 32 516 | 13 514 | 1 649.6 | 10 076.8 | 1 121.7 | 2 259.4 | 6 062.6 | 26 620.9 | 57 540.6 | 83 975.2 | 1 730.1 |
| 21 | Tobacco Products | | | | | | | | | | | |
| | 1982 Census..... | 163 | 107 | 57.9 | 1 323.5 | 45.3 | 83.7 | 957.1 | 8 964.8 | 7 099.9 | 16 061.4 | 697.3 |
| | 1981 ASM..... | (NA) | (NA) | 61.1 | 1 219.2 | 49.1 | 91.5 | 891.4 | 6 429.6 | 6 680.8 | 13 129.9 | 726.2 |
| | 1980 ASM..... | (NA) | (NA) | 58.0 | 1 044.8 | 46.6 | 88.1 | 767.4 | 6 147.6 | 6 090.9 | 12 194.6 | 367.3 |
| | 1979 ASM..... | (NA) | (NA) | 58.6 | 906.0 | 47.7 | 90.1 | 667.9 | 5 342.7 | 5 240.1 | 10 601.3 | 237.2 |
| | 1978 ASM..... | (NA) | (NA) | 59.1 | 812.5 | 49.0 | 92.2 | 611.8 | 4 606.7 | 5 374.7 | 9 950.7 | 253.9 |
| | 1977 Census..... | 228 | 123 | 60.6 | 750.7 | 50.4 | 92.6 | 570.7 | 4 334.1 | 4 729.8 | 9 050.6 | 181.5 |
| | 1976 ASM..... | (NA) | (NA) | 64.8 | 704.1 | 54.8 | 102.5 | 543.5 | 4 127.9 | 4 659.3 | 8 786.2 | 132.8 |
| | 1975 ASM..... | (NA) | (NA) | 66.2 | 654.6 | 56.2 | 104.3 | 513.1 | 3 721.5 | 4 342.4 | 8 059.9 | 194.9 |
| | 1974 ASM..... | (NA) | (NA) | 67.6 | 607.1 | 58.1 | 106.9 | 478.5 | 3 216.6 | 3 966.0 | 7 139.9 | 185.4 |
| | 1973 ASM..... | (NA) | (NA) | 68.6 | 557.4 | 59.3 | 110.5 | 440.2 | 2 900.1 | 3 446.6 | 6 340.7 | 180.4 |
| | 1972 Census..... | 272 | 154 | 66.3 | 502.0 | 57.4 | 106.7 | 400.8 | 2 637.2 | 3 281.1 | 5 921.3 | 133.1 |
| | 1971 ASM..... | (NA) | (NA) | 67.1 | 470.5 | 58.5 | 109.2 | 376.3 | 2 559.9 | 2 973.0 | 5 527.9 | 94.4 |
| | 1970 ASM..... | (NA) | (NA) | 71.4 | 447.7 | 62.7 | 118.5 | 361.5 | 2 489.4 | 2 859.2 | 5 349.7 | 56.0 |
| | 1969 ASM..... | (NA) | (NA) | 72.2 | 411.3 | 63.2 | 117.3 | 328.5 | 2 221.0 | 2 766.4 | 4 992.2 | 60.6 |
| | 1968 ASM..... | (NA) | (NA) | 73.9 | 396.1 | 65.3 | 120.6 | 323.0 | 2 140.7 | 2 800.0 | 4 937.2 | 50.4 |
| | 1967 Census..... | 329 | 195 | 75.1 | 376.8 | 66.2 | 125.5 | 303.6 | 2 032.0 | 2 871.7 | 4 903.6 | 52.9 |
| 22 | Textile Mill Products | | | | | | | | | | | |
| | 1982 Census..... | 6 630 | 3 663 | 717.4 | 9 046.1 | 615.5 | 1 158.9 | 6 936.2 | 18 550.2 | 28 713.4 | 47 515.4 | 1 579.0 |
| | 1981 ASM..... | (NA) | (NA) | 785.2 | 9 574.0 | 678.5 | 1 333.2 | 7 439.0 | 19 463.2 | 31 061.0 | 50 262.2 | 1 724.8 |
| | 1980 ASM..... | (NA) | (NA) | 816.1 | 9 228.1 | 706.2 | 1 391.7 | 7 212.4 | 18 983.3 | 28 605.8 | 47 255.0 | 1 488.3 |
| | 1979 ASM..... | (NA) | (NA) | 842.1 | 8 823.5 | 732.3 | 1 461.7 | 6 941.3 | 18 154.4 | 27 106.9 | 45 135.5 | 1 329.3 |
| | 1978 ASM..... | (NA) | (NA) | 861.8 | 8 367.9 | 752.5 | 1 495.8 | 6 591.5 | 17 130.9 | 25 359.1 | 42 280.8 | 1 356.1 |
| | 1977 Census..... | 7 202 | 4 131 | 875.4 | 7 881.4 | 764.6 | 1 523.1 | 6 202.8 | 16 104.5 | 24 753.2 | 40 550.5 | 1 223.5 |
| | 1976 ASM..... | (NA) | (NA) | 875.9 | 7 368.3 | 765.3 | 1 518.3 | 5 749.8 | 14 466.5 | 22 194.2 | 36 388.9 | 883.6 |
| | 1975 ASM..... | (NA) | (NA) | 835.1 | 6 397.0 | 724.9 | 1 381.4 | 4 913.9 | 12 044.6 | 18 801.8 | 31 063.6 | 815.5 |
| | 1974 ASM..... | (NA) | (NA) | 931.5 | 6 675.2 | 811.9 | 1 586.7 | 5 192.2 | 13 159.4 | 20 035.0 | 32 789.2 | 983.1 |
| | 1973 ASM..... | (NA) | (NA) | 980.3 | 6 604.8 | 862.7 | 1 750.4 | 5 237.2 | 13 016.6 | 18 011.0 | 31 072.6 | 1 120.0 |
| | 1972 Census..... | 7 203 | 4 505 | 952.8 | 6 050.9 | 836.0 | 1 726.0 | 4 806.9 | 11 715.6 | 16 499.3 | 28 063.8 | 1 127.4 |
| | 1971 ASM..... | (NA) | (NA) | 906.8 | 5 330.1 | 794.4 | 1 605.2 | 4 212.1 | 9 995.2 | 14 023.5 | 24 029.8 | 872.8 |
| | 1970 ASM..... | (NA) | (NA) | 924.5 | 5 082.0 | 812.9 | 1 628.6 | 4 035.6 | 9 333.8 | 13 261.2 | 22 610.6 | 811.1 |
| | 1969 ASM..... | (NA) | (NA) | 968.4 | 5 159.1 | 859.2 | 1 747.6 | 4 129.0 | 9 604.7 | 13 415.9 | 22 977.7 | 849.2 |
| | 1968 ASM..... | (NA) | (NA) | 959.1 | 4 849.6 | 854.4 | 1 758.1 | 3 944.7 | 9 184.4 | 13 067.0 | 21 969.2 | 690.6 |
| | 1967 Census..... | 7 080 | 4 453 | 929.0 | 4 390.9 | 828.2 | 1 689.7 | 3 556.5 | 8 153.2 | 11 741.4 | 19 815.2 | 733.1 |

See footnotes at end of table.

Table 1. Statistics for Operating Manufacturing Establishments by Major Group: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendix. Data in this table may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| SIC code | Major group and year | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ² (million dollars) | Cost of materials ³ (million dollars) | Value of shipments ² (million dollars) | New capital expenditures (million dollars) |
|-----------|---|---------------------------------|---|-------------------|---------------------------------|--------------------|---------------------|-------------------------------|--|---|--|---|
| | | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| 23 | Apparel and Other Textile Products | | | | | | | | | | | |
| | 1982 Census..... | 24 391 | 10 907 | 1 189.0 | 12 128.8 | 1 009.7 | 1 803.5 | 8 831.9 | 26 060.5 | 27 087.8 | 53 387.9 | 654.3 |
| | 1981 ASM..... | (NA) | (NA) | 1 251.1 | 11 804.6 | 1 078.6 | 1 929.2 | 8 734.4 | 25 639.9 | 24 657.2 | 49 822.9 | 646.0 |
| | 1980 ASM..... | (NA) | (NA) | 1 307.3 | 11 354.3 | 1 129.5 | 2 000.5 | 8 503.4 | 23 425.5 | 22 690.7 | 45 781.8 | 607.8 |
| | 1979 ASM..... | (NA) | (NA) | 1 306.2 | 10 624.2 | 1 129.5 | 1 997.4 | 7 937.9 | 21 709.7 | 21 440.4 | 43 029.9 | 523.8 |
| | 1978 ASM..... | (NA) | (NA) | 1 321.8 | 10 190.8 | 1 151.9 | 2 020.5 | 7 671.2 | 21 287.0 | 21 749.8 | 42 742.0 | 514.0 |
| | 1977 Census..... | 26 505 | 11 932 | 1 334.3 | 9 658.6 | 1 156.6 | 2 037.6 | 7 252.8 | 19 671.3 | 20 865.5 | 40 245.1 | 456.7 |
| | 1976 ASM..... | (NA) | (NA) | 1 271.1 | 8 566.7 | 1 109.8 | 2 004.8 | 6 462.5 | 16 869.2 | 18 159.7 | 34 776.7 | 422.8 |
| | 1975 ASM..... | (NA) | (NA) | 1 214.4 | 7 701.4 | 1 058.6 | 1 890.6 | 5 778.0 | 14 749.9 | 16 339.0 | 31 431.3 | 380.7 |
| | 1974 ASM..... | (NA) | (NA) | 1 316.7 | 7 643.3 | 1 146.7 | 2 039.7 | 5 753.5 | 14 942.6 | 15 833.3 | 30 632.1 | 391.4 |
| | 1973 ASM..... | (NA) | (NA) | 1 400.2 | 7 706.6 | 1 227.7 | 2 191.2 | 5 841.3 | 14 648.2 | 15 721.6 | 30 083.8 | 387.4 |
| | 1972 Census..... | 24 441 | 12 229 | 1 368.2 | 7 211.8 | 1 198.3 | 2 161.1 | 5 461.2 | 14 532.1 | 27 809.5 | | 363.4 |
| | 1971 ASM..... | (NA) | (NA) | 1 318.9 | 6 499.9 | 1 149.1 | 2 054.5 | 4 942.7 | 12 448.4 | 12 672.2 | 25 024.5 | 336.4 |
| | 1970 ASM..... | (NA) | (NA) | 1 341.5 | 6 267.6 | 1 171.2 | 2 119.4 | 4 806.8 | 11 597.7 | 11 948.2 | 23 531.8 | 299.7 |
| | 1969 ASM..... | (NA) | (NA) | 1 381.1 | 6 402.2 | 1 209.5 | 2 202.5 | 4 944.0 | 11 571.1 | 12 692.7 | 24 283.2 | 310.8 |
| | 1968 ASM..... | (NA) | (NA) | 1 356.0 | 6 012.3 | 1 194.0 | 2 176.8 | 4 680.6 | 10 880.9 | 12 002.5 | 22 648.9 | 267.1 |
| | 1967 Census..... | 26 393 | 12 705 | 1 356.7 | 5 582.2 | 1 200.4 | 2 178.6 | 4 340.6 | 10 064.3 | 10 970.6 | 21 326.8 | 208.3 |
| 24 | Lumber and Wood Products | | | | | | | | | | | |
| | 1982 Census..... | 32 984 | 6 313 | 576.4 | 8 444.5 | 479.3 | 893.9 | 6 446.1 | 15 376.6 | 27 125.5 | 42 934.9 | 1 342.4 |
| | 1981 ASM..... | (NA) | (NA) | 649.4 | 8 990.9 | 543.8 | 1 035.4 | 6 752.9 | 17 321.0 | 29 473.4 | 46 807.1 | 1 781.0 |
| | 1980 ASM..... | (NA) | (NA) | 698.1 | 8 904.8 | 581.7 | 1 097.7 | 6 719.9 | 18 029.9 | 29 139.8 | 47 144.0 | 2 027.1 |
| | 1979 ASM..... | (NA) | (NA) | 742.5 | 9 042.2 | 632.2 | 1 221.0 | 6 989.0 | 20 107.0 | 30 063.2 | 49 826.3 | 2 067.8 |
| | 1978 ASM..... | (NA) | (NA) | 723.2 | 8 411.1 | 618.6 | 1 188.0 | 6 495.6 | 18 971.5 | 27 768.3 | 46 522.6 | 1 899.4 |
| | 1977 Census..... | 37 302 | 7 056 | 692.4 | 7 424.7 | 594.8 | 1 147.6 | 5 795.0 | 16 222.8 | 23 918.7 | 39 919.4 | 1 562.6 |
| | 1976 ASM..... | (NA) | (NA) | 628.5 | 6 142.7 | 543.2 | 1 039.6 | 4 816.7 | 13 453.5 | 18 120.7 | 31 239.5 | 1 232.1 |
| | 1975 ASM..... | (NA) | (NA) | 588.1 | 5 231.1 | 505.8 | 1 049.9 | 4 049.9 | 10 555.7 | 14 623.4 | 25 094.5 | 1 264.0 |
| | 1974 ASM..... | (NA) | (NA) | 674.2 | 5 484.8 | 582.0 | 1 110.1 | 4 289.4 | 11 533.5 | 15 592.3 | 26 817.6 | 1 357.2 |
| | 1973 ASM..... | (NA) | (NA) | 722.3 | 5 470.6 | 620.2 | 1 213.7 | 4 311.2 | 12 357.3 | 15 843.9 | 27 980.6 | 953.3 |
| | 1972 Census..... | 33 948 | 6 867 | 691.2 | 4 985.7 | 600.9 | 1 167.8 | 3 934.9 | 10 310.3 | 13 605.8 | 23 829.7 | 931.3 |
| | 1971 ASM..... | (NA) | (NA) | 530.1 | 3 461.8 | 464.2 | 809.3 | 2 781.9 | 6 760.9 | 8 173.4 | 14 930.8 | 716.3 |
| | 1970 ASM..... | (NA) | (NA) | 541.8 | 3 240.5 | 474.5 | 925.1 | 2 591.4 | 5 869.0 | 7 214.6 | 13 044.3 | 534.9 |
| | 1969 ASM..... | (NA) | (NA) | 566.2 | 3 245.9 | 502.0 | 986.0 | 2 629.8 | 6 330.6 | 7 760.6 | 14 003.9 | 589.7 |
| | 1968 ASM..... | (NA) | (NA) | 551.6 | 3 019.2 | 491.1 | 972.8 | 2 471.1 | 5 915.5 | 7 024.4 | 12 870.1 | 483.7 |
| | 1967 Census..... | 36 795 | 5 803 | 554.0 | 2 798.9 | 495.7 | 977.0 | 2 290.6 | 4 973.4 | 6 231.6 | 11 205.2 | 426.0 |
| 25 | Furniture and Fixtures | | | | | | | | | | | |
| | 1982 Census..... | 10 003 | 3 629 | 436.0 | 6 083.7 | 350.5 | 651.2 | 4 189.1 | 12 828.9 | 11 228.9 | 24 128.7 | 566.2 |
| | 1981 ASM..... | (NA) | (NA) | 459.8 | 5 982.8 | 374.1 | 715.8 | 4 189.1 | 12 668.7 | 11 426.3 | 23 865.0 | 573.3 |
| | 1980 ASM..... | (NA) | (NA) | 472.7 | 5 623.2 | 383.8 | 727.0 | 3 926.0 | 11 631.1 | 10 757.7 | 22 314.7 | 575.0 |
| | 1979 ASM..... | (NA) | (NA) | 482.9 | 5 361.9 | 397.5 | 770.1 | 3 814.2 | 10 998.8 | 10 299.5 | 21 067.0 | 525.6 |
| | 1978 ASM..... | (NA) | (NA) | 481.0 | 5 029.2 | 396.5 | 769.0 | 3 610.9 | 10 136.2 | 9 581.7 | 19 565.9 | 520.8 |
| | 1977 Census..... | 10 235 | 3 588 | 463.8 | 4 448.3 | 383.6 | 736.4 | 3 191.8 | 8 921.7 | 8 187.4 | 16 978.0 | 388.7 |
| | 1976 ASM..... | (NA) | (NA) | 425.7 | 3 772.5 | 351.9 | 664.8 | 2 690.4 | 7 370.3 | 6 946.3 | 14 231.9 | 295.4 |
| | 1975 ASM..... | (NA) | (NA) | 395.8 | 3 310.0 | 324.8 | 605.3 | 2 339.4 | 6 290.0 | 5 950.6 | 12 372.9 | 251.6 |
| | 1974 ASM..... | (NA) | (NA) | 459.3 | 3 569.7 | 380.6 | 732.1 | 2 577.3 | 6 983.4 | 6 360.4 | 13 197.3 | 350.9 |
| | 1973 ASM..... | (NA) | (NA) | 478.6 | 3 532.2 | 404.4 | 790.7 | 2 561.1 | 6 735.6 | 5 981.1 | 12 609.6 | 343.8 |
| | 1972 Census..... | 9 233 | 3 646 | 462.1 | 3 205.3 | 384.1 | 756.0 | 2 323.6 | 6 097.2 | 5 335.1 | 11 326.9 | 306.1 |
| | 1971 ASM..... | (NA) | (NA) | 435.5 | 2 820.9 | 360.1 | 710.5 | 2 034.0 | 5 226.9 | 4 559.4 | 9 753.5 | 196.2 |
| | 1970 ASM..... | (NA) | (NA) | 436.9 | 2 691.2 | 361.4 | 715.0 | 1 937.6 | 4 875.9 | 4 216.5 | 9 074.8 | 231.0 |
| | 1969 ASM..... | (NA) | (NA) | 455.5 | 2 693.0 | 381.3 | 761.2 | 1 968.0 | 5 030.6 | 4 278.3 | 9 215.6 | 189.5 |
| | 1968 ASM..... | (NA) | (NA) | 433.4 | 2 452.7 | 364.3 | 733.3 | 1 792.8 | 4 561.6 | 3 945.2 | 8 457.7 | 177.7 |
| | 1967 Census..... | 10 008 | 3 449 | 425.3 | 2 258.3 | 357.5 | 715.7 | 1 653.7 | 4 169.5 | 3 619.6 | 7 749.8 | 198.0 |
| 26 | Paper and Allied Products | | | | | | | | | | | |
| | 1982 Census..... | 6 381 | 4 090 | 605.6 | 12 947.5 | 461.2 | 923.0 | 9 040.3 | 33 375.7 | 46 620.1 | 79 895.1 | 5 098.3 |
| | 1981 ASM..... | (NA) | (NA) | 635.8 | 12 843.7 | 486.6 | 993.5 | 8 820.4 | 32 366.7 | 48 312.7 | 80 233.8 | 4 655.8 |
| | 1980 ASM..... | (NA) | (NA) | 646.3 | 11 730.6 | 493.9 | 1 006.0 | 8 203.5 | 29 760.5 | 43 437.5 | 72 791.9 | 5 128.4 |
| | 1979 ASM..... | (NA) | (NA) | 657.8 | 10 810.0 | 509.1 | 1 030.3 | 7 635.6 | 27 136.3 | 37 807.9 | 65 199.4 | 4 447.0 |
| | 1978 ASM..... | (NA) | (NA) | 638.6 | 9 852.3 | 491.8 | 995.6 | 6 939.6 | 24 396.0 | 32 679.3 | 57 000.0 | 3 736.3 |
| | 1977 Census..... | 6 545 | 3 999 | 628.7 | 8 942.9 | 486.3 | 985.9 | 6 323.1 | 22 170.9 | 30 148.2 | 52 085.7 | 3 295.0 |
| | 1976 ASM..... | (NA) | (NA) | 613.1 | 8 027.4 | 475.9 | 964.6 | 5 678.1 | 20 558.6 | 27 835.2 | 48 131.1 | 3 010.4 |
| | 1975 ASM..... | (NA) | (NA) | 588.4 | 6 990.3 | 453.7 | 900.6 | 4 872.6 | 17 943.8 | 23 792.0 | 41 711.5 | 2 718.1 |
| | 1974 ASM..... | (NA) | (NA) | 648.2 | 7 022.1 | 508.7 | 1 034.6 | 5 007.8 | 19 096.4 | 23 204.5 | 41 759.5 | 2 214.4 |
| | 1973 ASM..... | (NA) | (NA) | 645.3 | 6 481.9 | 509.0 | 1 055.9 | 4 695.3 | 15 178.8 | 17 654.2 | 32 752.4 | 1 529.6 |
| | 1972 Census..... | 6 038 | 3 956 | 633.4 | 5 992.1 | 498.9 | 1 040.3 | 4 320.2 | 13 064.0 | 15 240.5 | 28 262.1 | 1 335.1 |
| | 1971 ASM..... | (NA) | (NA) | 631.9 | 5 536.8 | 494.7 | 1 024.7 | 3 950.6 | 11 682.1 | 13 840.0 | 25 458.1 | 1 197.4 |
| | 1970 ASM..... | (NA) | (NA) | 635.9 | 5 374.1 | 519.9 | 1 075.8 | 3 849.9 | 11 590.3 | 13 288.7 | 24 800.5 | 1 397.4 |
| | 1969 ASM..... | (NA) | (NA) | 669.9 | 5 200.0 | 530.9 | 1 128.0 | 3 757.3 | 11 426.4 | 13 091.3 | 24 426.5 | 1 420.7 |
| | 1968 ASM..... | (NA) | (NA) | 642.5 | 4 749.5 | 510.2 | 1 086.2 | 3 436.0 | 10 465.5 | 11 902.6 | 22 307.8 | 1 238.3 |
| | 1967 Census..... | 5 890 | 3 813 | 638.9 | 4 436.2 | 507.7 | 1 071.2 | 3 205.5 | 9 756.3 | 11 292.2 | 20 969.9 | 1 585.3 |

See footnotes at end of table.

Table 1. Statistics for Operating Manufacturing Establishments by Major Group: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendix. Data in this table may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| SIC code | Major group and year | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ² (million dollars) | Cost of materials ³ (million dollars) | Value of shipments ³ (million dollars) | New capital expenditures (million dollars) |
|----------|---|---------------------------------|---|-------------------|------------------------------|--------------------|---------------------|----------------------------|--|---|--|---|
| | | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| 27 | Printing and Publishing | | | | | | | | | | | |
| | 1982 Census..... | 53 406 | 10 871 | 1 291.8 | 22 706.9 | 710.9 | 1 313.0 | 11 307.4 | 54 423.4 | 31 377.2 | 85 796.9 | 3 213.2 |
| | 1981 ASM..... | (NA) | (NA) | 1 270.1 | 20 609.3 | 719.7 | 1 342.6 | 10 454.0 | 49 351.6 | 28 131.1 | 77 260.6 | 3 075.8 |
| | 1980 ASM..... | (NA) | (NA) | 1 262.8 | 18 843.1 | 716.0 | 1 317.8 | 9 599.1 | 44 374.7 | 25 251.5 | 69 543.9 | 2 767.6 |
| | 1979 ASM..... | (NA) | (NA) | 1 223.0 | 16 952.6 | 698.4 | 1 294.0 | 8 760.6 | 40 004.4 | 22 637.3 | 62 667.4 | 2 449.0 |
| | 1978 ASM..... | (NA) | (NA) | 1 144.8 | 15 535.8 | 651.9 | 1 201.5 | 8 021.3 | 35 828.9 | 20 324.8 | 56 064.1 | 2 208.4 |
| | 1977 Census..... | 49 767 | 9 132 | 1 092.2 | 14 024.5 | 625.8 | 1 152.8 | 7 322.1 | 31 979.5 | 17 794.7 | 49 716.2 | 1 597.8 |
| | 1976 ASM..... | (NA) | (NA) | 1 085.8 | 12 679.8 | 629.3 | 1 163.0 | 6 737.2 | 27 647.2 | 15 288.2 | 42 837.7 | 1 261.3 |
| | 1975 ASM..... | (NA) | (NA) | 1 070.4 | 11 655.3 | 626.1 | 1 138.1 | 6 219.8 | 24 641.0 | 13 538.3 | 38 125.1 | 1 174.3 |
| | 1974 ASM..... | (NA) | (NA) | 1 075.7 | 11 139.3 | 639.1 | 1 189.2 | 6 131.0 | 23 610.3 | 12 526.7 | 35 822.4 | 1 140.9 |
| | 1973 ASM..... | (NA) | (NA) | 1 083.5 | 10 523.4 | 649.2 | 1 203.4 | 5 830.1 | 21 871.3 | 11 071.7 | 32 854.8 | 1 083.5 |
| | 1972 Census..... | 42 103 | 8 619 | 1 056.2 | 9 831.3 | 637.7 | 1 181.0 | 5 462.8 | 20 209.7 | 10 044.5 | 30 146.6 | 1 047.6 |
| | 1971 ASM..... | (NA) | (NA) | 1 049.1 | 8 975.9 | 626.3 | 1 192.0 | 5 010.1 | 18 086.4 | 8 861.4 | 26 887.3 | 941.9 |
| | 1970 ASM..... | (NA) | (NA) | 1 077.2 | 8 682.2 | 652.9 | 1 265.1 | 4 903.3 | 17 232.4 | 8 557.1 | 25 756.5 | 872.8 |
| | 1969 ASM..... | (NA) | (NA) | 1 090.7 | 8 337.7 | 666.5 | 1 261.6 | 4 701.8 | 16 793.4 | 8 540.9 | 25 332.7 | 853.3 |
| | 1968 ASM..... | (NA) | (NA) | 1 040.0 | 7 627.0 | 635.9 | 1 204.1 | 4 279.7 | 15 328.7 | 7 907.1 | 23 190.4 | 756.7 |
| | 1967 Census..... | 37 989 | 8 035 | 1 031.0 | 7 151.5 | 631.6 | 1 196.1 | 4 011.3 | 14 355.1 | 7 518.5 | 21 738.4 | 788.1 |
| 28 | Chemicals and Allied Products | | | | | | | | | | | |
| | 1982 Census..... | 11 901 | 4 779 | 872.6 | 20 835.7 | 508.6 | 1 003.5 | 10 543.8 | 77 314.8 | 92 556.9 | 170 736.9 | 9 086.8 |
| | 1981 ASM..... | (NA) | (NA) | 892.3 | 19 722.8 | 532.6 | 1 066.9 | 10 230.1 | 80 032.3 | 102 329.0 | 180 459.2 | 9 470.6 |
| | 1980 ASM..... | (NA) | (NA) | 909.7 | 18 269.0 | 544.7 | 1 080.4 | 9 482.6 | 74 384.1 | 89 331.9 | 162 517.2 | 8 770.2 |
| | 1979 ASM..... | (NA) | (NA) | 895.0 | 16 515.9 | 552.0 | 1 106.0 | 8 849.9 | 70 356.0 | 78 291.9 | 147 673.7 | 7 976.0 |
| | 1978 ASM..... | (NA) | (NA) | 896.3 | 15 286.5 | 547.6 | 1 099.0 | 8 156.3 | 61 505.8 | 68 352.3 | 129 357.3 | 7 918.5 |
| | 1977 Census..... | 12 173 | 4 602 | 880.2 | 13 839.3 | 543.8 | 1 089.0 | 7 446.2 | 56 720.5 | 62 293.8 | 118 153.6 | 8 198.9 |
| | 1976 ASM..... | (NA) | (NA) | 850.9 | 12 365.3 | 519.9 | 1 032.0 | 6 518.7 | 51 407.4 | 52 391.9 | 104 138.7 | 7 122.2 |
| | 1975 ASM..... | (NA) | (NA) | 841.8 | 11 226.7 | 509.7 | 1 000.9 | 5 857.4 | 44 976.3 | 45 150.7 | 89 721.1 | 6 353.3 |
| | 1974 ASM..... | (NA) | (NA) | 865.3 | 10 542.0 | 541.3 | 1 083.3 | 5 689.4 | 44 431.7 | 41 472.0 | 83 744.9 | 5 071.9 |
| | 1973 ASM..... | (NA) | (NA) | 852.6 | 9 440.3 | 535.2 | 1 075.3 | 5 149.3 | 36 239.6 | 28 595.7 | 65 007.7 | 3 186.3 |
| | 1972 Census..... | 11 426 | 4 432 | 836.4 | 8 730.7 | 525.0 | 1 053.7 | 4 753.8 | 32 405.0 | 25 085.5 | 57 316.3 | 2 728.4 |
| | 1971 ASM..... | (NA) | (NA) | 848.9 | 8 259.9 | 528.6 | 1 060.5 | 4 451.2 | 29 431.5 | 22 489.8 | 51 873.1 | 2 937.7 |
| | 1970 ASM..... | (NA) | (NA) | 881.0 | 8 003.8 | 555.7 | 1 120.6 | 4 327.0 | 27 929.6 | 21 781.8 | 49 355.2 | 3 110.7 |
| | 1969 ASM..... | (NA) | (NA) | 882.6 | 7 602.5 | 565.6 | 1 150.9 | 4 181.1 | 27 318.9 | 21 281.1 | 48 269.8 | 2 843.4 |
| | 1968 ASM..... | (NA) | (NA) | 856.3 | 6 938.5 | 550.8 | 1 116.0 | 3 845.4 | 25 810.4 | 19 984.0 | 45 622.4 | 2 788.7 |
| | 1967 Census..... | 11 799 | 4 348 | 841.4 | 6 443.0 | 541.4 | 1 086.1 | 3 555.2 | 23 550.1 | 18 821.2 | 42 148.3 | 2 936.1 |
| 29 | Petroleum and Coal Products | | | | | | | | | | | |
| | 1982 Census..... | 2 322 | 848 | 151.6 | 4 338.7 | 99.6 | 205.2 | 2 612.7 | 22 068.5 | 185 191.1 | 208 918.6 | 6 578.9 |
| | 1981 ASM..... | (NA) | (NA) | 152.2 | 4 076.3 | 101.0 | 209.0 | 2 522.1 | 26 740.3 | 197 898.1 | 224 131.4 | 5 157.9 |
| | 1980 ASM..... | (NA) | (NA) | 148.9 | 3 615.1 | 99.8 | 199.7 | 2 134.0 | 24 815.6 | 175 641.4 | 198 673.1 | 3 614.5 |
| | 1979 ASM..... | (NA) | (NA) | 157.5 | 3 418.0 | 106.2 | 222.0 | 2 188.7 | 28 847.0 | 121 452.6 | 148 366.6 | 3 272.9 |
| | 1978 ASM..... | (NA) | (NA) | 148.2 | 3 001.0 | 103.1 | 217.4 | 1 983.0 | 16 301.0 | 87 333.4 | 103 871.1 | 2 286.1 |
| | 1977 Census..... | 2 206 | 773 | 146.8 | 2 696.2 | 101.1 | 207.9 | 1 765.4 | 16 377.6 | 81 655.4 | 97 452.7 | 2 261.3 |
| | 1976 ASM..... | (NA) | (NA) | 144.4 | 2 436.7 | 100.2 | 205.6 | 1 577.7 | 13 168.9 | 69 392.0 | 82 346.9 | 2 711.7 |
| | 1975 ASM..... | (NA) | (NA) | 141.2 | 2 147.5 | 97.9 | 197.5 | 1 357.3 | 10 499.6 | 59 198.3 | 69 484.5 | 2 417.9 |
| | 1974 ASM..... | (NA) | (NA) | 145.6 | 1 919.9 | 101.4 | 207.9 | 1 240.9 | 9 951.1 | 50 140.5 | 58 875.8 | 1 845.1 |
| | 1973 ASM..... | (NA) | (NA) | 136.6 | 1 716.0 | 95.8 | 193.7 | 1 110.4 | 7 739.9 | 27 421.1 | 34 899.0 | 1 107.1 |
| | 1972 Census..... | 2 016 | 720 | 139.5 | 1 637.4 | 98.0 | 200.5 | 1 064.0 | 5 793.2 | 22 762.5 | 28 694.7 | 1 154.2 |
| | 1971 ASM..... | (NA) | (NA) | 141.4 | 1 564.1 | 97.0 | 197.6 | 993.4 | 5 616.8 | 21 460.7 | 26 935.1 | 1 304.1 |
| | 1970 ASM..... | (NA) | (NA) | 144.0 | 1 478.1 | 99.6 | 204.8 | 941.6 | 5 477.8 | 19 493.6 | 24 882.9 | 1 217.6 |
| | 1969 ASM..... | (NA) | (NA) | 142.5 | 1 381.7 | 98.5 | 198.0 | 861.9 | 5 745.9 | 18 723.5 | 24 430.5 | 1 074.3 |
| | 1968 ASM..... | (NA) | (NA) | 141.0 | 1 284.3 | 98.4 | 201.3 | 825.1 | 5 567.1 | 17 664.3 | 23 190.0 | 1 064.9 |
| | 1967 Census..... | 1 880 | 704 | 141.6 | 1 216.1 | 99.2 | 202.1 | 786.3 | 5 425.9 | 16 748.4 | 22 043.4 | 999.2 |
| 30 | Rubber and Miscellaneous Plastics Products | | | | | | | | | | | |
| | 1982 Census..... | 13 449 | 5 978 | 681.7 | 11 596.8 | 522.6 | 996.0 | 7 691.1 | 27 218.9 | 27 950.0 | 55 415.8 | 2 199.2 |
| | 1981 ASM..... | (NA) | (NA) | 691.2 | 11 047.1 | 541.9 | 1 049.5 | 7 392.7 | 26 005.9 | 27 750.3 | 53 172.8 | 2 217.1 |
| | 1980 ASM..... | (NA) | (NA) | 703.2 | 10 140.5 | 544.4 | 1 032.5 | 6 777.3 | 22 568.7 | 24 700.2 | 47 341.8 | 2 068.1 |
| | 1979 ASM..... | (NA) | (NA) | 753.7 | 10 146.4 | 592.9 | 1 150.2 | 6 938.7 | 23 112.4 | 24 238.5 | 46 847.9 | 2 208.2 |
| | 1978 ASM..... | (NA) | (NA) | 748.0 | 9 422.2 | 587.1 | 1 142.6 | 6 448.5 | 21 157.2 | 22 339.3 | 43 195.8 | 2 254.8 |
| | 1977 Census..... | 11 943 | 5 294 | 721.3 | 8 536.0 | 563.7 | 1 110.6 | 5 841.6 | 19 740.0 | 20 217.8 | 39 552.8 | 1 645.3 |
| | 1976 ASM..... | (NA) | (NA) | 627.4 | 6 741.7 | 488.9 | 938.4 | 4 517.9 | 15 950.3 | 15 885.2 | 31 765.3 | 1 317.0 |
| | 1975 ASM..... | (NA) | (NA) | 585.0 | 5 922.5 | 451.0 | 873.0 | 3 984.6 | 13 599.3 | 13 610.1 | 27 191.2 | 1 139.9 |
| | 1974 ASM..... | (NA) | (NA) | 661.3 | 6 203.1 | 522.6 | 1 024.9 | 4 303.3 | 14 826.2 | 13 628.2 | 27 902.2 | 1 457.0 |
| | 1973 ASM..... | (NA) | (NA) | 672.1 | 5 812.3 | 532.0 | 1 041.7 | 4 080.1 | 13 439.7 | 11 058.2 | 24 383.7 | 1 305.0 |
| | 1972 Census..... | 9 224 | 4 187 | 617.8 | 5 165.2 | 486.8 | 968.2 | 3 604.9 | 11 653.2 | 9 466.0 | 20 923.7 | 1 059.6 |
| | 1971 ASM..... | (NA) | (NA) | 543.5 | 4 285.7 | 422.2 | 844.4 | 2 968.4 | 9 521.2 | 7 541.6 | 17 043.7 | 723.8 |
| | 1970 ASM..... | (NA) | (NA) | 545.8 | 3 998.6 | 426.9 | 849.2 | 2 759.1 | 8 502.7 | 7 038.3 | 15 471.4 | 828.4 |
| | 1969 ASM..... | (NA) | (NA) | 567.4 | 4 026.0 | 450.8 | 915.5 | 2 846.4 | 8 431.1 | 7 324.6 | 15 637.4 | 856.6 |
| | 1968 ASM..... | (NA) | (NA) | 541.9 | 3 705.4 | 430.1 | 875.4 | 2 624.1 | 7 730.4 | 6 799.1 | 14 377.4 | 760.0 |
| | 1967 Census..... | 6 456 | 3 122 | 516.7 | 3 286.5 | 410.1 | 815.5 | 2 312.5 | 6 799.5 | 5 974.4 | 12 758.6 | 677.2 |

See footnotes at end of table.

Table 1. Statistics for Operating Manufacturing Establishments by Major Group: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendix. Data in this table may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| SIC code | Major group and year | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ² (million dollars) | Cost of materials ³ (million dollars) | Value of shipments ³ (million dollars) | New capital expenditures (million dollars) |
|-----------|--|---------------------------------|------------------------------------|----------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|
| | | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| 31 | Leather and Leather Products | | | | | | | | | | | |
| | 1982 Census..... | 2 735 | 1 313 | 199.8 | 2 218.5 | 171.3 | 304.1 | 1 623.1 | 4 772.9 | 4 917.1 | 9 719.2 | 132.0 |
| | 1981 ASM..... | (NA) | (NA) | 227.6 | 2 363.3 | 196.8 | 347.3 | 1 766.0 | 5 230.3 | 5 344.4 | 10 467.5 | 199.9 |
| | 1980 ASM..... | (NA) | (NA) | 232.4 | 2 199.9 | 200.5 | 345.5 | 1 635.3 | 4 851.2 | 4 941.4 | 9 789.3 | 149.8 |
| | 1979 ASM..... | (NA) | (NA) | 238.6 | 2 085.4 | 206.6 | 362.4 | 1 542.4 | 4 248.5 | 4 809.4 | 9 002.6 | 130.3 |
| | 1978 ASM..... | (NA) | (NA) | 244.4 | 1 996.0 | 213.9 | 382.8 | 1 513.5 | 4 010.1 | 4 335.0 | 8 224.7 | 135.1 |
| | 1977 Census..... | 3 075 | 1 486 | 242.5 | 1 859.7 | 211.5 | 381.9 | 1 408.1 | 3 718.8 | 3 932.6 | 7 607.4 | 96.2 |
| | 1976 ASM..... | (NA) | (NA) | 247.1 | 1 804.9 | 215.9 | 391.2 | 1 378.7 | 3 558.6 | 3 690.5 | 7 175.9 | 89.5 |
| | 1975 ASM..... | (NA) | (NA) | 239.8 | 1 651.5 | 208.9 | 377.7 | 1 249.9 | 3 187.0 | 3 111.1 | 6 322.9 | 77.4 |
| | 1974 ASM..... | (NA) | (NA) | 255.8 | 1 604.1 | 223.1 | 401.8 | 1 228.8 | 3 120.2 | 3 099.2 | 6 176.5 | 76.1 |
| | 1973 ASM..... | (NA) | (NA) | 267.7 | 1 595.3 | 234.5 | 434.4 | 1 230.3 | 2 962.1 | 3 075.9 | 6 022.5 | 80.9 |
| | 1972 Census..... | 3 201 | 1 657 | 273.4 | 1 589.3 | 240.6 | 449.0 | 1 230.8 | 2 917.3 | 2 895.3 | 5 769.4 | 74.4 |
| | 1971 ASM..... | (NA) | (NA) | 273.8 | 1 500.6 | 240.4 | 441.8 | 1 155.0 | 2 760.8 | 2 437.4 | 5 218.4 | 69.2 |
| | 1970 ASM..... | (NA) | (NA) | 295.8 | 1 526.0 | 261.0 | 479.6 | 1 183.7 | 2 819.7 | 2 468.6 | 5 288.4 | 62.8 |
| | 1969 ASM..... | (NA) | (NA) | 326.7 | 1 592.9 | 290.7 | 537.9 | 1 252.3 | 2 898.0 | 2 594.1 | 5 463.9 | 64.2 |
| | 1968 ASM..... | (NA) | (NA) | 334.1 | 1 582.1 | 298.2 | 561.4 | 1 252.7 | 2 911.9 | 2 604.1 | 5 485.5 | 78.8 |
| | 1967 Census..... | 3 685 | 1 967 | 328.7 | 1 458.8 | 293.3 | 549.2 | 1 147.0 | 2 626.5 | 2 540.9 | 5 169.0 | 62.1 |
| 32 | Stone, Clay, and Glass Products | | | | | | | | | | | |
| | 1982 Census..... | 16 545 | 4 753 | 531.5 | 10 096.7 | 408.4 | 796.3 | 7 163.6 | 22 985.7 | 22 149.3 | 45 180.6 | 2 309.0 |
| | 1981 ASM..... | (NA) | (NA) | 589.7 | 10 574.5 | 462.5 | 910.3 | 7 568.6 | 24 853.9 | 23 549.1 | 48 000.4 | 2 580.5 |
| | 1980 ASM..... | (NA) | (NA) | 613.3 | 10 062.3 | 479.7 | 945.5 | 7 190.3 | 24 051.0 | 22 380.9 | 46 083.1 | 3 046.2 |
| | 1979 ASM..... | (NA) | (NA) | 654.2 | 9 896.5 | 521.7 | 1 035.8 | 7 232.8 | 24 467.6 | 22 013.2 | 45 962.8 | 2 606.1 |
| | 1978 ASM..... | (NA) | (NA) | 639.3 | 9 076.7 | 509.4 | 1 019.3 | 6 622.3 | 22 534.9 | 19 537.6 | 41 719.3 | 2 531.2 |
| | 1977 Census..... | 17 744 | 5 201 | 613.7 | 7 943.1 | 484.4 | 960.7 | 5 766.6 | 19 129.6 | 16 444.8 | 35 476.6 | 1 881.4 |
| | 1976 ASM..... | (NA) | (NA) | 598.9 | 7 085.9 | 473.8 | 938.8 | 5 144.6 | 16 772.9 | 14 055.8 | 30 634.8 | 1 503.9 |
| | 1975 ASM..... | (NA) | (NA) | 588.8 | 6 389.7 | 461.0 | 901.1 | 4 595.8 | 14 848.8 | 12 301.0 | 27 074.0 | 1 581.2 |
| | 1974 ASM..... | (NA) | (NA) | 638.7 | 6 432.4 | 509.2 | 1 015.1 | 4 732.2 | 14 599.6 | 12 085.9 | 26 338.1 | 1 587.5 |
| | 1973 ASM..... | (NA) | (NA) | 643.8 | 6 079.4 | 510.8 | 1 027.9 | 4 456.5 | 13 801.0 | 10 179.9 | 23 861.6 | 1 391.4 |
| | 1972 Census..... | 16 015 | 5 301 | 623.2 | 5 546.9 | 492.5 | 998.0 | 4 037.3 | 12 586.7 | 9 062.8 | 21 538.5 | 1 195.2 |
| | 1971 ASM..... | (NA) | (NA) | 582.6 | 4 801.6 | 462.4 | 927.8 | 3 503.4 | 10 757.8 | 7 816.6 | 18 534.7 | 927.8 |
| | 1970 ASM..... | (NA) | (NA) | 591.3 | 4 530.5 | 470.2 | 950.6 | 3 320.7 | 9 785.8 | 7 048.6 | 16 761.1 | 919.8 |
| | 1969 ASM..... | (NA) | (NA) | 608.3 | 4 440.4 | 484.0 | 987.4 | 3 257.0 | 9 851.1 | 7 054.1 | 16 815.8 | 907.9 |
| | 1968 ASM..... | (NA) | (NA) | 590.1 | 4 064.6 | 468.9 | 950.7 | 2 971.4 | 9 211.7 | 6 609.3 | 15 783.3 | 734.0 |
| | 1967 Census..... | 15 580 | 4 911 | 589.9 | 3 825.5 | 469.3 | 948.4 | 2 784.1 | 8 333.4 | 6 146.0 | 14 449.4 | 820.9 |
| 33 | Primary Metal Industries | | | | | | | | | | | |
| | 1982 Census..... | 7 061 | 3 904 | 854.1 | 20 602.7 | 637.7 | 1 166.8 | 14 465.8 | 33 291.4 | 68 791.4 | 104 666.8 | 4 666.1 |
| | 1981 ASM..... | (NA) | (NA) | 1 062.8 | 25 322.2 | 825.9 | 1 600.1 | 18 564.1 | 49 550.6 | 94 306.9 | 141 942.1 | 6 338.9 |
| | 1980 ASM..... | (NA) | (NA) | 1 096.1 | 23 556.4 | 854.2 | 1 638.6 | 17 306.2 | 47 619.2 | 86 661.9 | 133 930.1 | 5 543.4 |
| | 1979 ASM..... | (NA) | (NA) | 1 190.3 | 23 995.9 | 952.9 | 1 887.9 | 18 184.9 | 50 882.1 | 87 973.6 | 137 379.4 | 5 129.3 |
| | 1978 ASM..... | (NA) | (NA) | 1 149.4 | 21 331.0 | 920.5 | 1 837.4 | 16 179.5 | 44 246.4 | 74 749.0 | 118 082.0 | 4 691.9 |
| | 1977 Census..... | 7 375 | 3 980 | 1 113.6 | 18 745.0 | 885.3 | 1 744.0 | 14 065.2 | 37 568.2 | 66 171.3 | 103 179.4 | 4 496.8 |
| | 1976 ASM..... | (NA) | (NA) | 1 106.0 | 16 974.7 | 874.8 | 1 712.6 | 12 639.4 | 34 182.1 | 59 932.2 | 90 001.8 | 4 178.6 |
| | 1975 ASM..... | (NA) | (NA) | 1 088.9 | 14 993.6 | 855.7 | 1 637.5 | 11 029.7 | 30 366.8 | 51 949.8 | 80 816.9 | 4 164.7 |
| | 1974 ASM..... | (NA) | (NA) | 1 247.8 | 15 900.2 | 1 001.0 | 1 995.0 | 12 102.4 | 37 297.3 | 58 702.5 | 95 618.0 | 3 751.8 |
| | 1973 ASM..... | (NA) | (NA) | 1 221.6 | 14 148.0 | 995.4 | 2 027.7 | 10 872.8 | 28 614.2 | 44 027.0 | 72 727.3 | 2 334.1 |
| | 1972 Census..... | 6 792 | 3 901 | 1 142.9 | 12 166.6 | 922.8 | 1 849.9 | 9 202.2 | 23 258.2 | 35 709.1 | 58 429.7 | 2 160.8 |
| | 1971 ASM..... | (NA) | (NA) | 1 169.3 | 11 204.6 | 931.4 | 1 831.8 | 8 300.6 | 21 119.8 | 31 867.5 | 53 067.3 | 2 197.5 |
| | 1970 ASM..... | (NA) | (NA) | 1 261.2 | 11 251.9 | 1 013.5 | 2 009.0 | 8 410.2 | 21 444.6 | 32 629.8 | 53 510.7 | 2 736.7 |
| | 1969 ASM..... | (NA) | (NA) | 1 310.5 | 11 447.4 | 1 064.3 | 2 171.5 | 8 687.7 | 22 729.0 | 32 956.6 | 55 257.9 | 2 815.9 |
| | 1968 ASM..... | (NA) | (NA) | 1 274.7 | 10 479.2 | 1 033.4 | 2 090.4 | 7 922.2 | 20 973.7 | 29 346.3 | 50 317.0 | 3 102.3 |
| | 1967 Census..... | 6 837 | 4 082 | 1 281.0 | 9 850.9 | 1 041.5 | 2 088.7 | 7 457.3 | 19 978.2 | 27 219.9 | 46 730.9 | 3 134.1 |
| 34 | Fabricated Metal Products | | | | | | | | | | | |
| | 1982 Census..... | 35 560 | 13 642 | 1 459.7 | 28 282.6 | 1 073.3 | 2 070.4 | 18 455.9 | 58 927.6 | 59 393.8 | 119 444.0 | 3 685.8 |
| | 1981 ASM..... | (NA) | (NA) | 1 567.6 | 28 531.4 | 1 182.8 | 2 336.8 | 19 134.0 | 61 558.2 | 62 600.6 | 123 661.6 | 4 573.2 |
| | 1980 ASM..... | (NA) | (NA) | 1 616.8 | 26 700.6 | 1 224.0 | 2 381.3 | 17 908.5 | 57 917.1 | 58 627.2 | 116 194.3 | 3 891.5 |
| | 1979 ASM..... | (NA) | (NA) | 1 671.0 | 25 609.6 | 1 286.4 | 2 538.9 | 17 552.7 | 56 892.6 | 57 971.7 | 113 597.2 | 3 345.2 |
| | 1978 ASM..... | (NA) | (NA) | 1 625.1 | 23 382.5 | 1 251.2 | 2 475.5 | 16 106.8 | 50 599.8 | 51 689.3 | 101 336.0 | 3 189.1 |
| | 1977 Census..... | 33 712 | 12 739 | 1 555.7 | 21 035.9 | 1 191.6 | 2 373.8 | 14 428.8 | 45 511.5 | 45 384.8 | 90 023.5 | 2 606.1 |
| | 1976 ASM..... | (NA) | (NA) | 1 472.0 | 18 395.3 | 1 123.3 | 2 218.1 | 12 605.5 | 39 317.6 | 38 578.4 | 78 074.6 | 2 214.0 |
| | 1975 ASM..... | (NA) | (NA) | 1 417.9 | 16 345.5 | 1 070.7 | 2 086.3 | 11 037.0 | 34 225.8 | 34 340.7 | 68 928.3 | 2 057.4 |
| | 1974 ASM..... | (NA) | (NA) | 1 575.7 | 16 583.3 | 1 208.4 | 2 416.3 | 11 479.3 | 35 275.2 | 33 686.4 | 67 276.6 | 1 948.9 |
| | 1973 ASM..... | (NA) | (NA) | 1 584.6 | 15 561.1 | 1 227.3 | 2 477.2 | 10 881.6 | 31 069.3 | 28 483.9 | 58 560.5 | 1 718.7 |
| | 1972 Census..... | 29 525 | 11 675 | 1 493.7 | 13 820.9 | 1 148.0 | 2 302.7 | 9 544.3 | 27 021.2 | 24 936.4 | 51 104.4 | 1 315.0 |
| | 1971 ASM..... | (NA) | (NA) | 1 279.2 | 11 022.1 | 980.9 | 1 971.4 | 7 577.5 | 21 966.3 | 20 051.9 | 42 026.4 | 1 042.5 |
| | 1970 ASM..... | (NA) | (NA) | 1 333.5 | 10 780.0 | 1 025.2 | 2 080.3 | 7 430.1 | 20 887.8 | 19 074.9 | 39 620.9 | 1 139.7 |
| | 1969 ASM..... | (NA) | (NA) | 1 399.1 | 10 773.1 | 1 097.1 | 2 227.5 | 7 550.7 | 20 739.5 | 19 045.3 | 39 597.1 | 1 286.7 |
| | 1968 ASM..... | (NA) | (NA) | 1 357.8 | 10 038.1 | 1 067.7 | 2 192.6 | 7 061.7 | 19 504.5 | 17 957.0 | 37 340.5 | 1 041.2 |
| | 1967 Census..... | 27 418 | 10 741 | 1 341.8 | 9 319.5 | 1 056.9 | 2 160.9 | 6 541.6 | 18 042.6 | 16 704.9 | 34 577.8 | 1 118.4 |

See footnotes at end of table.

Table 1. Statistics for Operating Manufacturing Establishments by Major Group: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendix. Data in this table may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| SIC code | Major group and year | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ² (million dollars) | Cost of materials ³ (million dollars) | Value of shipments ³ (million dollars) | New capital expenditures (million dollars) |
|-----------|--|---------------------------------|---|-------------------|------------------------------|--------------------|---------------------|----------------------------|--|---|--|---|
| | | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| 35 | Machinery, Except Electrical | | | | | | | | | | | |
| | 1982 Census..... | 52 912 | 14 264 | 2 188.7 | 46 910.7 | 1 358.0 | 2 596.8 | 25 093.1 | 102 269.8 | 83 787.8 | 187 895.7 | 8 537.2 |
| | 1981 ASM..... | (NA) | (NA) | 2 379.7 | 48 642.9 | 1 561.0 | 3 086.3 | 27 762.2 | 111 393.7 | 92 276.9 | 201 539.1 | 8 821.9 |
| | 1980 ASM..... | (NA) | (NA) | 2 410.8 | 44 603.7 | 1 595.7 | 3 149.1 | 25 771.3 | 99 435.4 | 83 327.6 | 180 727.3 | 7 844.6 |
| | 1979 ASM..... | (NA) | (NA) | 2 409.8 | 40 681.6 | 1 640.5 | 3 266.9 | 24 305.5 | 92 527.6 | 77 969.6 | 166 470.2 | 6 817.0 |
| | 1978 ASM..... | (NA) | (NA) | 2 235.4 | 35 365.7 | 1 519.2 | 2 996.1 | 21 222.1 | 78 936.5 | 67 036.5 | 143 169.3 | 5 739.7 |
| | 1977 Census..... | 48 197 | 12 446 | 2 083.3 | 30 557.5 | 1 413.8 | 2 803.0 | 18 298.4 | 67 222.5 | 56 531.6 | 122 187.7 | 4 402.4 |
| | 1976 ASM..... | (NA) | (NA) | 1 959.0 | 26 469.5 | 1 332.0 | 2 632.8 | 15 829.0 | 57 308.0 | 48 604.3 | 105 430.6 | 3 421.5 |
| | 1975 ASM..... | (NA) | (NA) | 1 966.5 | 24 555.1 | 1 340.8 | 2 644.8 | 14 778.0 | 51 044.2 | 44 581.1 | 95 752.8 | 3 354.4 |
| | 1974 ASM..... | (NA) | (NA) | 2 126.1 | 24 713.4 | 1 496.7 | 3 024.8 | 15 431.1 | 52 494.9 | 43 548.6 | 92 487.2 | 3 312.2 |
| | 1973 ASM..... | (NA) | (NA) | 1 992.0 | 21 581.7 | 1 399.2 | 2 840.9 | 13 490.7 | 44 581.3 | 35 336.9 | 77 827.2 | 2 320.7 |
| | 1972 Census..... | 40 792 | 10 595 | 1 827.8 | 18 523.2 | 1 267.2 | 2 538.3 | 11 358.5 | 37 562.7 | 29 204.1 | 65 820.8 | 1 906.6 |
| | 1971 ASM..... | (NA) | (NA) | 1 743.5 | 16 235.0 | 1 187.2 | 2 334.8 | 9 740.0 | 30 680.9 | 24 536.7 | 55 559.9 | 1 696.0 |
| | 1970 ASM..... | (NA) | (NA) | 1 890.6 | 16 637.8 | 1 306.4 | 2 624.2 | 10 222.4 | 31 814.3 | 24 875.0 | 56 080.6 | 1 854.9 |
| | 1969 ASM..... | (NA) | (NA) | 1 943.7 | 16 441.7 | 1 377.2 | 2 829.7 | 10 401.8 | 32 009.2 | 24 705.9 | 55 767.7 | 1 866.3 |
| | 1968 ASM..... | (NA) | (NA) | 1 848.8 | 14 754.9 | 1 320.4 | 2 700.8 | 9 427.8 | 28 777.8 | 22 071.3 | 50 605.5 | 1 743.1 |
| | 1967 Census..... | 37 892 | 10 629 | 1 864.5 | 14 226.3 | 1 349.0 | 2 785.0 | 9 236.1 | 27 836.4 | 21 231.6 | 48 477.2 | 1 868.1 |
| 36 | Electric and Electronic Equipment | | | | | | | | | | | |
| | 1982 Census..... | 16 453 | 7 834 | 1 914.5 | 38 413.6 | 1 198.2 | 2 268.5 | 19 281.0 | 84 605.4 | 63 259.1 | 147 943.6 | 7 542.4 |
| | 1981 ASM..... | (NA) | (NA) | 1 959.0 | 35 988.9 | 1 278.1 | 2 453.2 | 19 192.4 | 79 720.4 | 62 412.2 | 140 194.4 | 6 645.3 |
| | 1980 ASM..... | (NA) | (NA) | 1 963.2 | 32 453.3 | 1 303.0 | 2 492.2 | 17 762.6 | 73 149.2 | 57 472.2 | 128 587.3 | 6 162.0 |
| | 1979 ASM..... | (NA) | (NA) | 1 953.3 | 29 144.4 | 1 337.4 | 2 588.3 | 16 592.8 | 66 476.3 | 52 230.6 | 116 031.9 | 4 565.7 |
| | 1978 ASM..... | (NA) | (NA) | 1 863.0 | 25 853.9 | 1 284.6 | 2 464.5 | 14 864.1 | 57 187.9 | 44 776.5 | 100 530.1 | 3 699.7 |
| | 1977 Census..... | 14 973 | 6 338 | 1 723.1 | 22 544.2 | 1 191.4 | 2 309.2 | 12 951.6 | 50 365.7 | 39 369.5 | 88 433.1 | 2 866.5 |
| | 1976 ASM..... | (NA) | (NA) | 1 529.6 | 17 401.2 | 1 019.9 | 1 949.6 | 9 631.9 | 34 845.0 | 28 677.8 | 64 213.9 | 1 876.8 |
| | 1975 ASM..... | (NA) | (NA) | 1 520.9 | 17 392.0 | 1 017.8 | 1 946.5 | 9 827.8 | 34 804.4 | 28 689.6 | 64 187.9 | 1 865.8 |
| | 1974 ASM..... | (NA) | (NA) | 1 775.5 | 18 092.8 | 1 242.3 | 2 389.1 | 10 508.7 | 36 901.5 | 30 106.0 | 65 804.1 | 2 426.3 |
| | 1973 ASM..... | (NA) | (NA) | 1 797.0 | 17 150.7 | 1 277.5 | 2 504.9 | 10 190.3 | 34 984.2 | 27 166.5 | 60 864.8 | 1 996.1 |
| | 1972 Census..... | 12 274 | 5 736 | 1 662.2 | 15 200.1 | 1 160.8 | 2 275.0 | 8 822.6 | 30 583.6 | 23 315.6 | 53 433.0 | 1 418.8 |
| | 1971 ASM..... | (NA) | (NA) | 1 659.0 | 14 436.7 | 1 119.4 | 2 182.7 | 8 040.0 | 27 874.2 | 20 923.0 | 49 168.1 | 1 398.6 |
| | 1970 ASM..... | (NA) | (NA) | 1 831.6 | 14 827.2 | 1 237.4 | 2 417.4 | 8 320.6 | 27 773.5 | 21 003.7 | 48 420.8 | 1 519.7 |
| | 1969 ASM..... | (NA) | (NA) | 1 917.8 | 14 829.7 | 1 324.0 | 2 618.5 | 8 445.7 | 28 210.9 | 21 115.9 | 48 913.7 | 1 640.7 |
| | 1968 ASM..... | (NA) | (NA) | 1 882.7 | 13 807.8 | 1 304.1 | 2 596.5 | 7 986.0 | 26 425.0 | 20 321.6 | 46 470.4 | 1 477.6 |
| | 1967 Census..... | 10 706 | 5 572 | 1 874.9 | 12 968.0 | 1 323.4 | 2 611.3 | 7 607.0 | 24 487.3 | 19 437.3 | 43 361.0 | 1 537.2 |
| 37 | Transportation Equipment | | | | | | | | | | | |
| | 1982 Census..... | 9 443 | 3 800 | 1 595.9 | 40 811.9 | 1 059.6 | 2 051.4 | 24 378.8 | 84 932.3 | 120 010.5 | 201 346.1 | 7 214.4 |
| | 1981 ASM..... | (NA) | (NA) | 1 749.4 | 42 335.6 | 1 185.3 | 2 319.8 | 26 096.6 | 82 938.2 | 123 699.2 | 205 221.7 | 10 795.0 |
| | 1980 ASM..... | (NA) | (NA) | 1 772.1 | 38 877.9 | 1 213.0 | 2 372.9 | 24 109.0 | 76 591.8 | 113 734.6 | 186 515.8 | 7 957.9 |
| | 1979 ASM..... | (NA) | (NA) | 1 923.7 | 38 493.9 | 1 383.5 | 2 758.8 | 25 199.5 | 80 387.8 | 124 489.4 | 201 625.0 | 6 853.8 |
| | 1978 ASM..... | (NA) | (NA) | 1 865.7 | 34 961.6 | 1 364.5 | 2 750.7 | 23 260.8 | 72 956.5 | 118 077.2 | 188 773.3 | 5 834.3 |
| | 1977 Census..... | 10 174 | 3 653 | 1 768.2 | 30 673.5 | 1 284.4 | 2 612.7 | 20 314.3 | 64 291.1 | 103 489.6 | 166 954.0 | 4 670.9 |
| | 1976 ASM..... | (NA) | (NA) | 1 604.6 | 22 772.0 | 1 137.0 | 2 216.8 | 14 405.4 | 45 337.3 | 68 677.6 | 113 500.6 | 2 762.1 |
| | 1975 ASM..... | (NA) | (NA) | 1 604.4 | 22 770.3 | 1 137.9 | 2 217.3 | 14 418.8 | 45 155.2 | 68 591.1 | 113 218.3 | 2 794.3 |
| | 1974 ASM..... | (NA) | (NA) | 1 738.0 | 22 609.2 | 1 249.6 | 2 469.9 | 14 554.1 | 44 973.3 | 64 875.4 | 108 245.2 | 3 176.1 |
| | 1973 ASM..... | (NA) | (NA) | 1 835.7 | 22 571.9 | 1 340.6 | 2 732.4 | 14 833.8 | 45 684.9 | 65 555.6 | 110 710.7 | 2 530.1 |
| | 1972 Census..... | 8 802 | 3 618 | 1 719.0 | 19 880.0 | 1 246.2 | 2 527.4 | 12 848.6 | 39 799.4 | 55 767.8 | 94 704.9 | 2 660.2 |
| | 1971 ASM..... | (NA) | (NA) | 1 687.8 | 16 697.8 | 1 186.0 | 2 370.8 | 11 047.9 | 34 845.0 | 51 251.9 | 86 920.4 | 1 258.2 |
| | 1970 ASM..... | (NA) | (NA) | 1 620.8 | 16 072.6 | 1 200.8 | 2 393.3 | 10 230.0 | 29 990.2 | 42 293.2 | 72 589.5 | 1 611.6 |
| | 1969 ASM..... | (NA) | (NA) | 1 919.7 | 17 650.7 | 1 398.1 | 2 823.0 | 11 454.6 | 34 053.2 | 48 012.3 | 81 786.0 | 1 942.6 |
| | 1968 ASM..... | (NA) | (NA) | 1 887.6 | 16 811.2 | 1 376.5 | 2 893.3 | 11 135.4 | 32 866.2 | 46 997.1 | 79 494.3 | 1 599.0 |
| | 1967 Census..... | 7 483 | 3 354 | 1 834.1 | 15 173.7 | 1 336.5 | 2 745.6 | 9 918.2 | 28 173.9 | 40 419.9 | 68 512.3 | 1 822.4 |
| 38 | Instruments and Related Products | | | | | | | | | | | |
| | 1982 Census..... | 8 045 | 3 015 | 623.6 | 12 882.9 | 363.3 | 696.0 | 5 917.1 | 33 672.2 | 17 875.2 | 51 797.6 | 2 103.0 |
| | 1981 ASM..... | (NA) | (NA) | 611.5 | 11 564.6 | 368.3 | 716.8 | 5 536.7 | 31 493.8 | 17 283.7 | 48 291.4 | 2 024.2 |
| | 1980 ASM..... | (NA) | (NA) | 616.4 | 10 672.1 | 370.7 | 721.5 | 5 021.4 | 27 913.1 | 16 949.0 | 44 138.7 | 1 672.1 |
| | 1979 ASM..... | (NA) | (NA) | 601.1 | 9 329.1 | 370.8 | 722.9 | 4 561.7 | 24 598.1 | 13 852.7 | 37 740.2 | 1 419.2 |
| | 1978 ASM..... | (NA) | (NA) | 600.1 | 8 570.3 | 374.8 | 730.9 | 4 281.7 | 21 883.0 | 12 247.6 | 33 701.2 | 1 099.5 |
| | 1977 Census..... | 7 481 | 2 538 | 559.1 | 7 520.4 | 347.2 | 677.9 | 3 743.2 | 18 762.0 | 10 503.9 | 28 897.8 | 938.9 |
| | 1976 ASM..... | (NA) | (NA) | 518.1 | 6 598.2 | 321.8 | 623.9 | 3 213.3 | 16 386.3 | 8 989.2 | 25 030.1 | 782.7 |
| | 1975 ASM..... | (NA) | (NA) | 504.7 | 5 612.3 | 309.2 | 588.9 | 2 825.1 | 14 167.4 | 7 750.0 | 22 093.7 | 799.1 |
| | 1974 ASM..... | (NA) | (NA) | 528.3 | 5 656.1 | 338.8 | 654.0 | 2 859.9 | 13 692.1 | 7 756.1 | 20 979.6 | 823.3 |
| | 1973 ASM..... | (NA) | (NA) | 485.3 | 4 800.4 | 316.1 | 614.1 | 2 489.9 | 12 224.2 | 5 977.2 | 17 793.7 | 635.6 |
| | 1972 Census..... | 5 983 | 2 066 | 454.1 | 4 296.7 | 291.0 | 569.5 | 2 237.1 | 10 583.8 | 5 071.1 | 15 565.8 | 480.4 |
| | 1971 ASM..... | (NA) | (NA) | 381.7 | 3 345.7 | 244.9 | 465.1 | 1 723.9 | 8 385.9 | 3 956.8 | 12 275.8 | 392.7 |
| | 1970 ASM..... | (NA) | (NA) | 404.6 | 3 357.5 | 261.5 | 502.1 | 1 746.3 | 7 905.4 | 3 943.6 | 11 782.5 | 435.5 |
| | 1969 ASM..... | (NA) | (NA) | 413.1 | 3 271.8 | 271.0 | 535.2 | 1 757.2 | 7 676.0 | 4 119.9 | 11 686.3 | 388.3 |
| | 1968 ASM..... | (NA) | (NA) | 400.0 | 3 001.5 | 265.5 | 524.7 | 1 625.0 | 7 174.1 | 3 780.7 | 10 886.9 | 397.2 |
| | 1967 Census..... | 4 453 | 1 614 | 394.3 | 2 821.6 | 265.9 | 530.2 | 1 569.0 | 6 418.4 | 3 591.8 | 9 907.2 | 392.2 |

See footnotes at end of table.

Table 1. Statistics for Operating Manufacturing Establishments by Major Group: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendix. Data in this table may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| SIC code | Major group and year | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ² (million dollars) | Cost of materials ³ (million dollars) | Value of shipments ³ (million dollars) | New capital expenditures (million dollars) |
|-----------|---|---------------------------------|---------------------------------------|-------------------|------------------------------|--------------------|---------------------|----------------------------|--|---|--|---|
| | | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| 39 | Miscellaneous Manufacturing Industries | | | | | | | | | | | |
| | 1982 Census..... | 15 871 | 3 568 | 382.6 | 5 646.9 | 280.8 | 522.8 | 3 413.6 | 14 059.1 | 12 791.2 | 26 891.4 | 629.2 |
| | 1981 ASM..... | (NA) | (NA) | 413.1 | 5 630.0 | 307.5 | 580.9 | 3 447.1 | 13 953.5 | 13 172.0 | 26 939.8 | 612.6 |
| | 1980 ASM..... | (NA) | (NA) | 428.4 | 5 366.3 | 321.5 | 603.0 | 3 318.4 | 12 431.4 | 12 691.1 | 24 955.7 | 643.1 |
| | 1979 ASM..... | (NA) | (NA) | 443.0 | 5 014.0 | 338.8 | 641.9 | 3 147.9 | 11 934.7 | 11 288.1 | 23 015.6 | 595.4 |
| | 1978 ASM..... | (NA) | (NA) | 447.3 | 4 765.4 | 343.1 | 639.8 | 2 972.8 | 10 862.8 | 10 182.2 | 20 779.6 | 533.3 |
| | 1977 Census..... | 17 259 | 3 794 | 440.7 | 4 406.4 | 338.7 | 626.7 | 2 745.3 | 10 291.0 | 9 061.4 | 19 150.7 | 473.6 |
| | 1976 ASM..... | (NA) | (NA) | 410.1 | 3 867.9 | 317.4 | 592.0 | 2 446.5 | 8 821.7 | 7 579.4 | 16 285.7 | 560.7 |
| | 1975 ASM..... | (NA) | (NA) | 393.4 | 3 487.1 | 302.6 | 564.6 | 2 168.1 | 7 580.1 | 6 707.0 | 14 486.9 | 301.9 |
| | 1974 ASM..... | (NA) | (NA) | 435.0 | 3 477.1 | 336.9 | 636.5 | 2 253.7 | 7 666.5 | 6 625.0 | 13 990.1 | 362.3 |
| | 1973 ASM..... | (NA) | (NA) | 447.1 | 3 351.1 | 351.9 | 660.2 | 2 187.5 | 7 166.2 | 5 969.1 | 13 046.2 | 341.3 |
| | 1972 Census ⁴ | 15 187 | 3 753 | 445.6 | 3 184.6 | 350.1 | 661.5 | 2 086.8 | 6 776.8 | 5 558.8 | 12 186.2 | 317.0 |
| | 1971 ASM..... | (NA) | (NA) | 411.3 | 2 739.9 | 319.1 | 604.4 | 1 773.2 | 5 707.3 | 4 470.2 | 10 122.0 | 262.5 |
| | 1970 ASM..... | (NA) | (NA) | 429.3 | 2 684.9 | 337.0 | 643.3 | 1 752.3 | 5 433.1 | 4 348.3 | 9 743.4 | 253.2 |
| | 1969 ASM..... | (NA) | (NA) | 448.5 | 2 664.8 | 362.5 | 689.7 | 1 796.4 | 5 296.3 | 4 426.0 | 9 665.4 | 240.0 |
| | 1968 ASM..... | (NA) | (NA) | 430.7 | 2 461.3 | 348.8 | 669.2 | 1 666.7 | 4 950.9 | 4 074.7 | 8 945.0 | 209.0 |
| | 1967 Census..... | 14 072 | 3 845 | 423.1 | 2 291.0 | 344.4 | 662.0 | 1 552.5 | 4 599.4 | 3 773.4 | 8 310.7 | 213.5 |

¹Includes establishments with payroll at any time during year.

²Value added by manufacture for 1982 is computed using inventory data reported at cost or market prior to any adjustment to LIFO cost. This uniform instruction is a change from prior years in which respondents were permitted to value their inventories using any generally accepted accounting method. Consequently, 1982 data for value added by manufacture are not comparable to prior year data.

³Aggregate of cost of materials and value of shipments includes extensive duplication, since products of some industries are used as materials by others (see appendixes).

⁴Excludes ordnance and accessories. In the 1972 SIC revision, major group 19 was eliminated as a separate major group and its industries were reclassified to major groups 34, 36, 37, and 38.

Table 2. Industry Group Statistics by State: 1982 and 1977

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|-------------|------------------------------------|---------------------------------|---|--------------------------------|---------------------------------|--------------------|---------------------|-------------------------------|---|---|--|---|--|----------|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expend- itures (million dollars) | Value added by manu- facture (million dollars) | |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 20 | Food and kindred products | 22 130 | 10 681 | 1 487.7 | 26 087.5 | 1 046.8 | 2 033.4 | 16 439.5 | 88 419.1 | 192 216.6 | 280 529.3 | 6 726.9 | 1 520.2 | 56 062.2 |
| | Alabama | 286 | 164 | 24.9 | 337.4 | 16.8 | 32.2 | 189.9 | 845.0 | 2 458.2 | 3 270.4 | 43.2 | 24.4 | 548.5 |
| | Alaska | 121 | 66 | 5.4 | 86.2 | 4.8 | 8.1 | 68.5 | 185.4 | 478.2 | 662.1 | 15.5 | 5.4 | 199.3 |
| | Arizona | 188 | 69 | 6.6 | 106.7 | 3.8 | 7.6 | 54.3 | 348.8 | 730.6 | 1 086.8 | 21.5 | 6.0 | 193.8 |
| | Arkansas | 288 | 167 | 30.4 | 369.1 | 24.4 | 46.3 | 248.5 | 1 095.5 | 3 679.2 | 4 765.8 | 90.0 | 25.1 | 620.2 |
| | California | 2 536 | 1 210 | 173.5 | 3 286.0 | 127.9 | 240.7 | 2 159.7 | 10 963.8 | 20 339.9 | 31 290.7 | 906.3 | 163.4 | 6 578.0 |
| | Colorado | 337 | 133 | 22.2 | 436.9 | 13.8 | 25.8 | 223.5 | 1 064.5 | 3 089.3 | 4 123.3 | 118.7 | 21.7 | 748.9 |
| | Connecticut | 199 | 82 | 9.5 | 152.1 | 5.9 | 13.2 | 85.1 | 546.4 | 681.7 | 1 218.4 | 41.0 | 9.9 | 408.5 |
| | Delaware | 63 | 37 | 8.4 | 108.9 | 6.5 | 12.9 | 71.2 | 476.5 | 822.4 | 1 297.5 | 21.5 | 6.3 | 282.2 |
| | District of Columbia | 16 | 5 | 1.2 | 29.4 | .5 | .9 | 10.3 | 58.4 | 34.9 | 93.4 | (D) | 1.5 | 52.0 |
| | Florida | 716 | 302 | 45.3 | 718.4 | 31.0 | 63.9 | 430.3 | 2 914.6 | 5 770.6 | 8 717.2 | 237.5 | 45.1 | 1 646.3 |
| | Georgia | 501 | 282 | 50.6 | 745.7 | 37.1 | 73.6 | 472.6 | 2 456.6 | 4 946.3 | 7 385.6 | 146.6 | 47.1 | 1 362.2 |
| | Hawaii | 221 | 75 | 11.1 | 161.2 | 7.7 | 14.7 | 102.5 | 398.6 | 678.7 | 1 079.5 | 52.2 | 10.9 | 350.5 |
| | Idaho | 138 | 76 | 13.5 | 199.0 | 10.8 | 19.5 | 145.3 | 657.1 | 1 637.1 | 2 300.3 | 50.8 | 15.5 | 339.0 |
| | Illinois | 1 055 | 579 | 88.0 | 1 786.3 | 63.6 | 124.8 | 1 178.6 | 6 810.0 | 12 377.3 | 19 247.7 | 413.3 | 103.9 | 4 725.6 |
| | Indiana | 446 | 253 | 32.9 | 638.9 | 21.1 | 42.5 | 377.1 | 2 063.5 | 4 112.3 | 6 188.2 | 138.2 | 36.2 | 1 572.1 |
| | Iowa | 484 | 236 | 44.8 | 949.9 | 32.3 | 63.2 | 668.6 | 3 130.8 | 10 632.1 | 13 746.9 | 194.8 | 46.3 | 1 833.3 |
| | Kansas | 303 | 140 | 21.5 | 383.6 | 15.5 | 31.9 | 262.2 | 1 201.8 | 5 696.6 | 6 891.0 | 96.4 | 20.0 | 681.0 |
| | Kentucky | 272 | 138 | 19.1 | 355.2 | 12.3 | 24.6 | 211.0 | 1 346.8 | 2 332.5 | 3 676.2 | 83.4 | 19.7 | 938.9 |
| | Louisiana | 423 | 227 | 23.0 | 347.4 | 14.5 | 28.4 | 187.8 | 1 104.8 | 2 793.9 | 3 913.0 | 101.1 | 25.8 | 777.5 |
| | Maine | 167 | 77 | 9.2 | 123.0 | 6.7 | 12.0 | 75.3 | 330.9 | 617.8 | 947.5 | 20.9 | 10.3 | 222.4 |
| | Maryland | 365 | 162 | 23.3 | 380.1 | 15.0 | 29.4 | 217.2 | 1 336.6 | 2 632.6 | 3 935.1 | 65.7 | 27.9 | 1 024.4 |
| | Massachusetts | 570 | 236 | 26.0 | 436.9 | 17.2 | 33.3 | 251.3 | 1 161.3 | 2 601.6 | 3 763.8 | 84.8 | 26.8 | 786.2 |
| | Michigan | 626 | 305 | 42.2 | 849.9 | 30.9 | 61.6 | 579.6 | 2 974.4 | 4 944.6 | 7 909.9 | 194.0 | 46.2 | 2 113.7 |
| | Minnesota | 559 | 300 | 41.0 | 714.2 | 30.5 | 56.7 | 476.2 | 2 391.9 | 6 883.5 | 9 307.1 | 255.4 | 42.7 | 1 465.8 |
| | Mississippi | 266 | 143 | 19.4 | 258.1 | 14.4 | 29.3 | 162.9 | 766.2 | 2 081.8 | 2 848.0 | 55.7 | 18.2 | 443.9 |
| | Missouri | 537 | 258 | 38.8 | 755.9 | 27.0 | 52.6 | 488.4 | 2 501.2 | 6 046.6 | 8 549.4 | 117.1 | 38.8 | 1 529.2 |
| | Montana | 116 | 34 | 3.2 | 54.6 | 1.9 | 3.7 | 31.0 | 142.0 | 359.3 | 494.4 | 9.2 | 3.4 | 104.2 |
| | Nebraska | 342 | 177 | 25.9 | 453.1 | 20.2 | 40.3 | 335.6 | 1 556.6 | 7 854.2 | 9 432.3 | 47.2 | 21.5 | 829.7 |
| | Nevada | 45 | 18 | 1.3 | 25.5 | .7 | 1.4 | 11.8 | 127.1 | 133.7 | 259.4 | 4.2 | 1.4 | 66.3 |
| | New Hampshire | 67 | 25 | 2.5 | 49.7 | 1.7 | 3.1 | 31.1 | 188.0 | 399.2 | 587.1 | 13.5 | 2.4 | 107.5 |
| | New Jersey | 621 | 295 | 39.1 | 792.4 | 28.0 | 55.4 | 514.8 | 3 266.1 | 4 769.1 | 8 040.7 | 158.4 | 43.2 | 1 996.4 |
| | New Mexico | 104 | 48 | 3.6 | 48.3 | 2.4 | 4.5 | 25.6 | 132.5 | 325.3 | 457.6 | 9.4 | 4.3 | 104.4 |
| | New York | 1 434 | 583 | 66.2 | 1 249.0 | 45.0 | 90.6 | 762.1 | 4 702.9 | 7 545.2 | 12 236.7 | 369.5 | 75.2 | 3 311.1 |
| | North Carolina | 544 | 291 | 43.9 | 632.2 | 29.2 | 55.2 | 354.6 | 1 930.1 | 4 401.7 | 6 318.7 | 253.6 | 39.1 | 977.7 |
| | North Dakota | 93 | 38 | 4.1 | 70.3 | 2.8 | 5.5 | 43.0 | 227.8 | 649.2 | 870.2 | 72.3 | 3.9 | 146.6 |
| | Ohio | 859 | 402 | 57.3 | 1 114.8 | 37.7 | 74.8 | 679.5 | 4 177.9 | 7 040.5 | 11 221.4 | 364.7 | 66.4 | 2 802.3 |
| | Oklahoma | 231 | 102 | 12.5 | 204.6 | 7.9 | 16.2 | 107.7 | 588.3 | 1 580.9 | 2 163.8 | 44.5 | 14.1 | 375.3 |
| | Oregon | 352 | 178 | 22.6 | 370.5 | 17.6 | 30.6 | 248.1 | 1 128.3 | 1 711.5 | 2 830.1 | 89.9 | 23.2 | 668.2 |
| | Pennsylvania | 1 225 | 592 | 85.1 | 1 499.0 | 59.3 | 114.3 | 933.7 | 4 950.0 | 8 316.6 | 13 239.5 | 304.4 | 92.3 | 3 204.9 |
| | Rhode Island | 110 | 34 | 2.6 | 37.9 | 1.7 | 3.2 | 21.7 | 117.9 | 234.4 | 351.9 | 5.3 | 3.7 | 86.1 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|------------------------------------|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | All employees ² (1,000) |
| 20 | Food and kindred products—Con. | | | | | | | | | | | | |
| | South Carolina | 195 | 103 | 12.2 | 165.4 | 8.1 | 16.2 | 93.0 | 534.8 | 1 134.3 | 1 666.4 | 36.5 | 11.8 |
| | South Dakota | 100 | 46 | 7.5 | 151.5 | 5.5 | 10.1 | 109.8 | 422.5 | 1 276.8 | 1 701.6 | 20.5 | 8.2 |
| | Tennessee | 431 | 245 | 36.3 | 618.0 | 23.4 | 44.7 | 335.3 | 2 160.8 | 4 397.6 | 6 557.2 | 321.5 | 37.2 |
| | Texas | 1 224 | 621 | 89.9 | 1 488.2 | 59.4 | 120.4 | 871.7 | 5 329.3 | 11 983.4 | 17 303.2 | 441.7 | 84.8 |
| | Utah | 158 | 70 | 7.6 | 119.4 | 5.2 | 9.8 | 71.4 | 338.9 | 1 045.0 | 1 389.4 | 25.9 | 6.8 |
| | Vermont | 77 | 30 | 2.3 | 34.1 | 1.4 | 2.9 | 19.6 | 93.3 | 410.8 | 502.4 | 7.7 | 2.2 |
| | Virginia | 445 | 249 | 36.8 | 534.6 | 27.1 | 51.8 | 336.3 | 2 059.2 | 3 843.8 | 5 903.4 | 132.0 | 35.0 |
| | Washington | 532 | 259 | 30.2 | 526.9 | 23.1 | 42.3 | 356.6 | 1 498.7 | 3 492.3 | 5 000.1 | 118.3 | 29.3 |
| | West Virginia | 100 | 54 | 5.7 | 89.7 | 2.8 | 5.9 | 36.5 | 225.3 | 334.0 | 558.5 | 16.5 | 5.1 |
| | Wisconsin | 998 | 467 | 56.3 | 1 024.7 | 41.9 | 79.3 | 699.5 | 3 324.4 | 9 747.2 | 13 044.2 | 289.2 | 59.8 |
| | Wyoming | 44 | 11 | 1.0 | 16.7 | .7 | 1.5 | 12.0 | 64.8 | 130.3 | 184.2 | 1.6 | 1.2 |
| 201 | Meat products | 3 623 | 1 682 | 317.7 | 4 992.7 | 264.5 | 518.0 | 3 857.4 | 11 002.3 | 56 598.2 | 67 602.2 | 696.6 | 309.1 |
| | Alabama | 73 | 41 | 10.4 | 112.0 | 9.1 | 17.0 | 88.7 | 174.8 | 832.3 | 1 012.9 | 9.2 | 8.6 |
| | Arizona | 28 | 10 | .6 | 7.3 | .5 | 1.0 | 5.4 | 19.7 | 142.0 | 161.7 | 1.2 | 1.1 |
| | Arkansas | 78 | 47 | 16.2 | 162.4 | 14.7 | 26.8 | 127.6 | 375.1 | 1 191.7 | 1 568.0 | 27.9 | 11.2 |
| | California | 260 | 140 | 18.7 | 318.8 | 15.5 | 31.0 | 243.8 | 720.5 | 3 019.5 | 3 747.9 | 91.7 | 16.1 |
| | Colorado | 63 | 24 | 4.8 | 69.0 | 4.0 | 7.1 | 52.6 | 100.0 | 1 625.6 | 1 724.0 | 5.0 | 6.0 |
| | Connecticut | 28 | 10 | .6 | 7.1 | .4 | .8 | 4.5 | 13.3 | 53.0 | 66.4 | .5 | .4 |
| | Delaware | 11 | 8 | 3.8 | 37.9 | 3.2 | 6.2 | 30.3 | 45.5 | 279.9 | 326.1 | 6.1 | 1.6 |
| | Florida | 92 | 35 | 4.8 | 67.6 | 4.1 | 8.1 | 52.2 | 109.3 | 705.9 | 815.1 | 6.6 | 5.2 |
| | Georgia | 131 | 72 | 18.6 | 202.5 | 16.1 | 31.3 | 160.8 | 348.7 | 1 448.4 | 1 806.9 | 20.6 | 15.4 |
| | Idaho | 29 | 11 | 1.1 | 22.1 | .9 | 2.0 | 17.3 | 46.6 | 492.5 | 538.2 | 1.1 | 1.2 |
| | Illinois | 186 | 86 | 12.6 | 266.7 | 10.2 | 21.2 | 207.4 | 538.7 | 2 690.5 | 3 230.4 | 25.1 | 14.6 |
| | Indiana | 87 | 37 | 5.4 | 95.7 | 4.1 | 8.0 | 72.1 | 164.1 | 773.0 | 936.2 | 5.6 | 7.2 |
| | Iowa | 116 | 61 | 22.2 | 486.5 | 18.1 | 34.9 | 399.7 | 1 013.2 | 6 185.4 | 7 179.8 | 38.2 | 24.3 |
| | Kansas | 69 | 26 | 8.8 | 159.8 | 7.7 | 16.6 | 133.8 | 353.5 | 4 219.0 | 23.5 | 7.1 | 221.0 |
| | Kentucky | 56 | 17 | 3.3 | 67.4 | 2.4 | 4.8 | 47.9 | 155.1 | 528.7 | 679.5 | 9.0 | 3.1 |
| | Louisiana | 59 | 18 | 2.5 | 26.7 | 2.0 | 3.5 | 19.3 | 59.3 | 193.2 | 252.4 | 4.6 | 2.7 |
| | Maine | 14 | 6 | 1.0 | 14.6 | .8 | 1.7 | 10.5 | 41.0 | 145.3 | 186.4 | 1.1 | 2.4 |
| | Maryland | 48 | 27 | 5.5 | 68.4 | 4.5 | 8.7 | 48.9 | 121.6 | 459.4 | 581.3 | 7.3 | FF |
| | Massachusetts | 62 | 22 | 2.4 | 42.9 | 1.8 | 3.6 | 31.4 | 92.9 | 269.8 | 360.9 | 3.4 | 2.7 |
| | Michigan | 119 | 55 | 7.7 | 144.7 | 6.3 | 13.1 | 112.0 | 360.8 | 1 689.9 | 2 044.0 | 24.9 | 6.6 |
| | Minnesota | 72 | 38 | 10.6 | 185.7 | 8.9 | 16.5 | 145.8 | 558.8 | 1 822.3 | 2 377.1 | 85.8 | 14.6 |
| | Mississippi | 70 | 30 | 9.2 | 108.1 | 7.9 | 16.2 | 84.0 | 254.6 | 859.5 | 1 122.8 | 14.6 | 9.4 |
| | Missouri | 129 | 45 | 8.4 | 127.2 | 7.2 | 13.8 | 101.9 | 315.2 | 1 583.3 | 1 903.8 | 9.9 | 8.0 |
| | Montana | 25 | 4 | .8 | 12.5 | .7 | 1.3 | 9.8 | 24.9 | 99.0 | 125.9 | .8 | .9 |
| | Nebraska | 96 | 60 | 15.0 | 251.5 | 13.0 | 25.5 | 210.8 | 734.6 | 6 137.5 | 6 887.2 | 15.9 | FF |
| | New Hampshire | 10 | 7 | .7 | 11.4 | .5 | 1.1 | 7.9 | 20.1 | 127.8 | 148.7 | (D) | BB |
| | New Jersey | 75 | 44 | 4.9 | 84.9 | 3.8 | 7.8 | 57.7 | 179.8 | 689.7 | 864.2 | 15.5 | 4.4 |
| | New Mexico | 17 | 8 | .8 | 9.0 | .6 | 1.3 | 6.7 | 17.7 | 105.7 | 123.0 | 1.4 | 1.3 |
| | New York | 171 | 74 | 6.4 | 118.4 | 5.1 | 9.8 | 86.9 | 275.4 | 961.3 | 1 238.0 | (D) | 7.5 |
| | North Carolina | 117 | 60 | 15.3 | 169.8 | 13.3 | 24.4 | 132.7 | 327.1 | 1 479.2 | 1 806.6 | 39.6 | 11.9 |
| | North Dakota | 15 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | Ohio | 171 | 65 | 10.3 | 198.2 | 7.5 | 15.0 | 137.4 | 393.0 | 1 529.8 | 1 922.0 | 13.6 | 11.5 |
| | Oklahoma | 66 | 23 | 2.7 | 36.3 | 2.3 | 4.6 | 28.1 | 61.9 | 580.2 | 640.2 | 1.8 | 3.6 |
| | Oregon | 47 | 21 | 2.2 | 36.4 | 1.8 | 3.3 | 27.8 | 79.5 | 287.4 | 366.5 | 5.9 | 2.3 |
| | Pennsylvania | 207 | 107 | 13.6 | 215.9 | 11.0 | 21.0 | 152.9 | 493.7 | 1 934.0 | 2 418.8 | 42.8 | 14.9 |
| | South Carolina | 47 | 22 | 2.5 | 28.6 | 2.1 | 4.2 | 20.6 | 64.9 | 253.1 | 317.9 | 6.4 | 2.3 |
| | South Dakota | 19 | 12 | 4.5 | 105.7 | 3.5 | 6.4 | 84.1 | 285.4 | 888.2 | 1 174.9 | 3.3 | 4.9 |
| | Tennessee | 84 | 39 | 6.7 | 100.7 | 5.4 | 10.2 | 69.9 | 198.7 | 930.0 | 1 126.0 | 7.7 | 8.1 |
| | Texas | 244 | 120 | 21.1 | 316.1 | 17.8 | 37.8 | 249.7 | 782.9 | 4 804.6 | 5 586.0 | 39.9 | 21.6 |
| | Utah | 27 | 9 | 1.2 | 16.6 | 1.1 | 2.2 | 13.2 | 34.5 | 247.7 | 281.6 | 1.8 | .9 |
| | Virginia | 71 | 36 | 12.8 | 158.2 | 10.8 | 21.6 | 119.2 | 365.2 | 1 381.7 | 1 747.0 | 19.1 | 11.2 |
| | Washington | 50 | 23 | 3.8 | 70.2 | 3.2 | 6.5 | 56.0 | 130.1 | 956.5 | 1 091.4 | 5.9 | 3.2 |
| | West Virginia | 21 | 12 | 1.1 | 13.1 | 1.0 | 1.9 | 9.8 | 35.3 | 94.1 | 129.2 | (D) | .9 |
| | Wisconsin | 103 | 52 | 10.7 | 219.4 | 8.3 | 16.4 | 165.7 | 469.2 | 2 050.8 | 2 523.8 | 28.4 | 11.9 |
| 202 | Dairy products | 2 724 | 1 449 | 139.9 | 2 553.1 | 82.8 | 166.9 | 1 420.0 | 8 359.8 | 30 473.6 | 38 771.3 | 711.3 | 153.9 |
| | Alabama | 20 | 17 | 2.1 | 32.8 | .7 | 1.5 | 9.3 | 73.9 | 215.6 | 289.1 | 2.9 | 2.5 |
| | Arizona | 18 | 7 | .8 | 16.7 | .4 | .8 | 7.2 | 56.8 | 167.6 | 224.0 | 3.4 | .9 |
| | Arkansas | 21 | 14 | 1.0 | 15.1 | .4 | .9 | 6.0 | 30.8 | 140.1 | 170.9 | (D) | 1.1 |
| | California | 213 | 98 | 10.2 | 229.9 | 6.4 | 12.5 | 142.0 | 636.4 | 2 875.8 | 3 512.9 | 151.6 | 10.0 |
| | Colorado | 33 | 16 | 1.7 | 33.1 | .7 | 1.3 | 13.6 | 79.4 | 243.1 | 321.2 | 5.8 | 1.3 |
| | Connecticut | 31 | 17 | 1.6 | 22.7 | .8 | 1.5 | 11.4 | 61.9 | 192.8 | 254.0 | 4.6 | 2.1 |
| | Florida | 54 | 29 | 3.3 | 58.0 | 1.7 | 3.7 | 27.4 | 239.0 | 570.8 | 808.1 | 15.3 | 3.8 |
| | Georgia | 26 | 16 | 2.7 | 41.1 | 1.2 | 2.3 | 14.1 | 91.8 | 243.1 | 334.3 | 8.7 | 2.7 |
| | Hawaii | 10 | 5 | .5 | 10.4 | .3 | .4 | 4.3 | 20.3 | 48.8 | 68.8 | 1.0 | .5 |
| | Idaho | 29 | 18 | 1.1 | 16.5 | .8 | 1.6 | 11.1 | 89.9 | 498.8 | 587.4 | 10.3 | .9 |
| | Illinois | 102 | 65 | 4.8 | 94.1 | 2.8 | 5.5 | 52.1 | 331.5 | 894.3 | 1 226.8 | 19.0 | 6.6 |
| | Indiana | 48 | 29 | 4.0 | 85.2 | 1.8 | 3.7 | 31.6 | 306.6 | 615.1 | 915.8 | 33.3 | 4.4 |
| | Iowa | 56 | 32 | 2.9 | 58.6 | 1.9 | 4.3 | 37.9 | 233.8 | 965.2 | 1 202.6 | 15.7 | 3.6 |
| | Kansas | 28 | 17 | 1.5 | 26.8 | .8 | 1.8 | 13.9 | 44.2 | 314.9 | 358.3 | 5.7 | 1.9 |
| | Kentucky | 40 | 24 | 2.2 | 37.8 | 1.2 | 2.3 | 18.4 | 95.9 | 404.3 | 500.8 | 6.6 | 2.4 |
| | Louisiana | 31 | 23 | 1.9 | 30.3 | .8 | 1.7 | 11.2 | 75.9 | 275.1 | 349.9 | 4.5 | 2.5 |
| | Maine | 28 | 12 | .7 | 10.2 | .4 | .8 | 5.4 | 27.4 | 95.6 | 122.9 | 2.2 | .8 |
| | Maryland | 34 | 19 | 2.3 | 42.9 | 1.1 | 2.3 | 22.4 | 120.8 | 472.5 | 594.1 | 9.9 | 2.6 |
| | Massachusetts | 85 | 33 | 3.9 | 68.8 | 2.3 | 4.7 | 41.1 | 185.8 | 682.7 | 869.3 | 22.4 | 4.4 |
| | Michigan | 79 | 45 | 4.8 | 98.2 | 2.8 | 6.0 | 57.4 | 410.1 | 976.3 | 1 381.7 | 22.6 | 5.8 |
| | Minnesota | 130 | 63 | 6.3 | 113.7 | 4.7 | 9.1 | 79.2 | 497.0 | 2 284.3 | 2 782.5 | 56.8 | 7.0 |
| | Mississippi | 21 | 17 | 1.3 | 19.6 | .5 | 1.1 | 6.2 | 73.1 | 142.4 | 214.3 | 1.5 | 1.4 |
| | Missouri | 53 | 39 | 5.8 | 104.3 | 4.1 | 8.0 | 72.4 | 385.7 | 1 498.9 | 1 886.7 | 16.1 | 5.5 |
| | Montana | 20 | 10 | .7 | 10.3 | .2 | .4 | 3.7 | 24.0 | 67.4 | 90.9 | 1.2 | .6 |
| | Nebraska | 31 | 18 | 1.4 | 21.7 | .8 | 1.8 | 11.6 | 42.2 | 283.9 | 326.0 | 3.6 | 1.5 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | | |
|----------|------------------------------------|---------------------|------------------------------------|-----------------|---------------------------|--------------------|------------------|-------------------------|---|--------------------------------------|---------------------------------------|--|------------------------|--|--|
| | | All establishments¹ | | All employees | | Production workers | | | Value added by manufacture³ (million dollars) | Cost of materials⁴ (million dollars) | Value of shipments⁴ (million dollars) | New capital expenditures (million dollars) | All employees² (1,000) | Value added by manufacture (million dollars) | |
| | | Total (number) | With 20 employees or more (number) | Number² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | | |
| 20 | Food and kindred products—Con. | | | | | | | | | | | | | | |
| 202 | Dairy products—Con. | | | | | | | | | | | | | | |
| | New Jersey | 67 | 26 | 2.6 | 53.8 | 1.7 | 3.2 | 31.0 | 185.1 | 597.6 | 778.2 | 17.8 | 2.6 | 91.1 | |
| | New York | 211 | 104 | 8.7 | 157.3 | 5.9 | 11.8 | 101.7 | 457.7 | 1 753.5 | 2 208.4 | 32.8 | 10.1 | 372.6 | |
| | North Carolina | 31 | 26 | 3.1 | 44.4 | 1.5 | 3.1 | 19.6 | 131.0 | 393.2 | 524.7 | 7.5 | 3.1 | 82.4 | |
| | North Dakota | 23 | 8 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.0 | 29.3 | |
| | Ohio | 112 | 67 | 6.9 | 136.5 | 4.0 | 8.2 | 72.4 | 469.5 | 1 308.8 | 1 776.5 | 22.8 | 9.9 | 400.6 | |
| | Oklahoma | 19 | 14 | 1.3 | 22.7 | .6 | 1.4 | 9.6 | 60.9 | 198.8 | 261.2 | 3.8 | 1.6 | 33.5 | |
| | Oregon | 34 | 23 | 1.6 | 34.9 | .8 | 1.7 | 17.1 | 68.7 | 325.5 | 390.8 | 4.4 | 1.7 | 64.8 | |
| | Pennsylvania | 178 | 85 | 8.0 | 144.9 | 4.6 | 9.6 | 76.5 | 385.1 | 1 350.0 | 1 731.0 | 26.7 | 9.6 | 274.1 | |
| | South Carolina | 17 | 11 | 1.0 | 14.3 | .6 | 1.1 | 7.1 | 77.2 | 156.4 | 231.1 | 2.9 | 1.4 | 68.0 | |
| | South Dakota | 30 | 11 | 1.0 | 15.7 | .6 | 1.3 | 9.9 | 50.7 | 241.5 | 292.3 | 8.7 | 1.3 | 30.7 | |
| | Tennessee | 38 | 30 | 2.9 | 51.4 | 1.5 | 3.1 | 22.3 | 175.7 | 506.9 | 684.9 | 9.1 | 3.4 | 103.4 | |
| | Texas | 85 | 66 | 6.7 | 117.8 | 3.2 | 6.8 | 49.7 | 379.1 | 1 105.3 | 1 475.1 | 36.3 | 6.6 | 228.2 | |
| | Utah | 32 | 17 | 2.2 | 34.3 | 1.5 | 3.0 | 21.6 | 85.6 | 482.4 | 574.0 | 6.3 | 1.9 | 45.0 | |
| | Vermont | 29 | 17 | 1.2 | 17.5 | .8 | 1.8 | 11.9 | 56.1 | 267.4 | 321.9 | 4.1 | .9 | 29.8 | |
| | Virginia | 30 | 23 | 2.3 | 43.3 | 1.1 | 2.3 | 18.9 | 250.8 | 395.6 | 643.1 | 14.0 | 2.3 | 102.6 | |
| | Washington | 44 | 25 | 1.8 | 50.6 | 1.0 | 2.0 | 26.4 | 140.4 | 643.5 | 779.9 | 3.6 | 2.0 | 78.8 | |
| | West Virginia | 12 | 9 | .8 | 11.8 | .3 | .7 | 4.7 | 21.2 | 73.2 | 94.2 | 1.6 | .9 | 21.6 | |
| | Wisconsin | 435 | 180 | 15.5 | 260.2 | 12.1 | 23.4 | 189.7 | 1 027.0 | 5 080.7 | 6 083.0 | 74.0 | 14.9 | 624.5 | |
| 203 | Preserved fruits and vegetables | 2 093 | 1 229 | 219.6 | 3 315.1 | 182.4 | 343.2 | 2 472.1 | 12 353.4 | 17 594.5 | 29 873.9 | 933.8 | 234.7 | 7 684.5 | |
| | Alabama | 7 | 6 | .6 | 7.4 | .5 | 1.0 | 5.9 | 49.6 | 81.3 | 130.9 | 1.2 | .9 | 34.3 | |
| | Arizona | 14 | 5 | .5 | 5.9 | .4 | .8 | 4.1 | 20.7 | 26.2 | 46.4 | (D) | .6 | 13.5 | |
| | Arkansas | 23 | 17 | 3.9 | 47.6 | 3.4 | 6.6 | 38.0 | 152.5 | 296.7 | 449.2 | 10.7 | 4.9 | 156.4 | |
| | California | 391 | 242 | 49.1 | 814.3 | 42.6 | 76.8 | 651.5 | 2 590.1 | 3 804.1 | 6 339.1 | 178.9 | 53.9 | 1 770.4 | |
| | Colorado | 27 | 10 | 1.2 | 11.6 | 1.0 | 1.7 | 8.8 | 27.8 | 50.6 | 79.1 | .7 | 1.1 | 16.6 | |
| | Connecticut | 18 | 8 | 1.2 | 15.8 | 1.0 | 1.8 | 11.0 | 77.1 | 75.1 | 151.9 | 4.4 | CC | (D) | |
| | Delaware | 15 | 10 | 1.7 | 17.5 | 1.5 | 2.7 | 10.9 | 57.7 | 72.7 | 130.4 | 4.5 | 1.6 | 40.5 | |
| | Florida | 106 | 50 | 11.4 | 159.2 | 8.9 | 18.9 | 113.1 | 857.5 | 1 690.2 | 2 538.3 | 73.7 | 11.9 | 575.1 | |
| | Georgia | 32 | 21 | 4.2 | 61.9 | 3.2 | 6.2 | 38.6 | 207.7 | 303.4 | 512.0 | 12.7 | 4.3 | 139.7 | |
| | Hawaii | 34 | 7 | 3.3 | 36.1 | 2.5 | 4.6 | 29.6 | 96.7 | 137.3 | 234.0 | 7.4 | 3.6 | 91.7 | |
| | Idaho | 26 | 25 | 8.6 | 120.0 | 7.3 | 12.4 | 90.2 | 392.0 | 414.3 | 808.7 | 27.4 | 10.5 | 180.3 | |
| | Illinois | 105 | 63 | 9.8 | 187.5 | 7.4 | 14.6 | 122.9 | 731.1 | 1 096.7 | 1 827.8 | 29.9 | 10.8 | 456.4 | |
| | Indiana | 45 | 27 | 3.8 | 56.7 | 3.1 | 6.4 | 41.9 | 198.1 | 292.0 | 489.7 | 9.9 | 4.7 | 132.7 | |
| | Iowa | 15 | 10 | 2.2 | 37.9 | 1.8 | 3.5 | 29.2 | 129.6 | 151.9 | 281.7 | 4.4 | 2.0 | 88.8 | |
| | Kansas | 9 | 4 | 1.4 | 21.0 | 1.4 | 2.6 | 20.0 | 60.3 | 115.4 | 175.7 | (D) | 1.2 | 23.9 | |
| | Kentucky | 8 | 6 | .7 | 11.4 | .5 | 1.0 | 7.0 | 93.3 | 74.0 | 167.0 | (D) | CC | (D) | |
| | Louisiana | 23 | 16 | 1.7 | 19.1 | 1.1 | 2.2 | 11.2 | 68.3 | 72.5 | 141.6 | 1.7 | 1.7 | 30.2 | |
| | Maine | 24 | 16 | 2.7 | 30.4 | 2.4 | 4.3 | 24.5 | 94.4 | 117.9 | 211.8 | 7.3 | 2.5 | 45.9 | |
| | Maryland | 48 | 21 | 2.7 | 33.6 | 2.3 | 4.1 | 24.3 | 136.4 | 274.4 | 410.9 | 6.4 | 3.1 | 87.4 | |
| | Massachusetts | 35 | 15 | 1.0 | 12.7 | .8 | 1.5 | 8.7 | 50.4 | 89.8 | 140.1 | 2.4 | 1.3 | 50.9 | |
| | Michigan | 105 | 62 | 7.3 | 106.4 | 6.1 | 12.1 | 78.4 | 450.5 | 583.1 | 1 035.0 | 47.1 | 8.4 | 273.1 | |
| | Minnesota | 50 | 33 | 6.1 | 81.3 | 5.2 | 9.2 | 58.1 | 275.3 | 365.2 | 640.7 | 18.3 | 6.7 | 242.7 | |
| | Mississippi | 8 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) | |
| | Missouri | 36 | 19 | 3.0 | 43.6 | 2.5 | 4.9 | 32.9 | 195.1 | 343.1 | 538.1 | 8.5 | 2.8 | 81.8 | |
| | Nebraska | 8 | 6 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) | |
| | New Jersey | 69 | 43 | 6.7 | 124.6 | 5.1 | 10.0 | 86.0 | 535.4 | 658.1 | 1 194.6 | 33.0 | 7.7 | 330.9 | |
| | New York | 155 | 78 | 9.9 | 149.9 | 7.6 | 15.0 | 95.5 | 703.3 | 878.4 | 1 578.3 | 57.0 | 10.9 | 478.3 | |
| | North Carolina | 17 | 14 | 1.8 | 28.7 | 1.4 | 2.9 | 18.6 | 131.4 | 151.7 | 282.8 | (D) | 1.8 | 71.8 | |
| | North Dakota | 6 | 4 | .5 | 7.7 | .3 | .8 | 5.3 | 24.7 | 31.1 | 57.1 | 4.1 | .5 | 18.6 | |
| | Ohio | 82 | 41 | 9.2 | 155.3 | 7.4 | 14.7 | 120.7 | 649.2 | 943.0 | 1 590.6 | 27.5 | 8.9 | 328.9 | |
| | Oklahoma | 13 | 7 | 1.4 | 18.7 | 1.2 | 2.2 | 12.7 | 70.6 | 76.7 | 147.4 | 3.1 | 1.7 | 43.0 | |
| | Oregon | 69 | 43 | 10.1 | 138.8 | 9.0 | 15.3 | 111.2 | 441.9 | 443.7 | 879.9 | 50.5 | 11.0 | 237.2 | |
| | Pennsylvania | 88 | 61 | 11.7 | 190.2 | 9.7 | 18.0 | 141.1 | 783.1 | 1 072.1 | 1 853.7 | 34.2 | 12.3 | 444.3 | |
| | South Carolina | 14 | 6 | 2.2 | 29.1 | 1.9 | 3.9 | 23.3 | 89.0 | 171.6 | 260.5 | 10.5 | 2.0 | 38.2 | |
| | Tennessee | 33 | 19 | 3.6 | 46.5 | 2.8 | 5.2 | 30.4 | 167.1 | 239.8 | 406.9 | 8.3 | 3.6 | 93.8 | |
| | Texas | 73 | 41 | 7.1 | 109.2 | 5.7 | 11.9 | 75.9 | 465.8 | 697.8 | 1 165.6 | 23.8 | 7.0 | 248.5 | |
| | Utah | 9 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .5 | 15.6 | |
| | Virginia | 33 | 16 | 3.6 | 43.3 | 2.9 | 5.2 | 30.4 | 110.9 | 179.7 | 288.9 | (D) | FF | (D) | |
| | Washington | 87 | 60 | 9.9 | 147.3 | 8.8 | 16.8 | 121.3 | 513.2 | 587.3 | 1 106.1 | 34.3 | 10.2 | 306.5 | |
| | Wisconsin | 105 | 79 | 10.3 | 141.4 | 8.8 | 15.8 | 104.2 | 464.4 | 639.3 | 1 094.5 | 66.5 | 11.0 | 293.2 | |
| 204 | Grain mill products | 2 745 | 1 063 | 107.5 | 2 197.0 | 74.6 | 152.6 | 1 442.0 | 10 333.1 | 20 965.7 | 31 386.4 | 884.1 | 112.8 | 6 625.6 | |
| | Alabama | 55 | 23 | 1.8 | 31.4 | 1.1 | 2.4 | 19.1 | 82.9 | 425.9 | 509.9 | 2.7 | 1.8 | 71.6 | |
| | Arizona | 18 | 7 | .5 | 6.9 | .3 | .6 | 4.6 | 54.4 | 96.8 | 150.0 | 3.4 | .4 | 21.9 | |
| | Arkansas | 67 | 25 | 3.0 | 42.3 | 2.2 | 4.7 | 26.7 | 185.0 | 1 053.4 | 1 233.7 | 10.2 | 2.4 | 109.9 | |
| | California | 201 | 85 | 7.5 | 171.6 | 5.0 | 10.6 | 108.9 | 655.4 | 1 619.7 | 2 345.3 | 59.2 | 7.3 | 405.9 | |
| | Colorado | 52 | 14 | 1.2 | 24.0 | .9 | 1.8 | 16.1 | 133.9 | 214.2 | 348.2 | 7.8 | 1.4 | 106.6 | |
| | Florida | 44 | 14 | .9 | 15.2 | .6 | 1.2 | 7.8 | 48.7 | 234.4 | 282.6 | 2.0 | 1.0 | 28.0 | |
| | Georgia | 81 | 41 | 2.6 | 41.7 | 1.8 | 3.4 | 25.3 | 189.7 | 596.1 | 782.4 | 15.1 | 2.5 | 122.3 | |
| | Illinois | 138 | 65 | 11.4 | 264.8 | 8.3 | 16.8 | 181.2 | 1 307.6 | 1 890.5 | 3 206.4 | 107.6 | 14.4 | 921.8 | |
| | Indiana | 77 | 39 | 4.0 | 91.9 | 2.8 | 5.8 | 61.9 | 372.4 | 765.2 | 1 142.3 | 19.4 | 4.5 | 319.9 | |
| | Iowa | 165 | 64 | 10.9 | 247.1 | 6.7 | 12.7 | 143.4 | 1 336.7 | 1 880.0 | 3 220.4 | 89.9 | 10.0 | 646.3 | |
| | Kansas | 98 | 41 | 3.1 | 60.0 | 2.1 | 4.4 | 39.4 | 315.8 | 690.8 | 1 008.4 | 14.0 | 3.5 | 156.4 | |
| | Kentucky | 47 | 11 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .5 | 29.9 | |
| | Louisiana | 41 | 25 | 1.3 | 16.6 | 1.0 | 1.9 | 11.1 | 70.2 | 280.5 | 349.7 | 3.7 | 1.6 | 85.0 | |
| | Maryland | 24 | 6 | .8 | 13.2 | .4 | 1.0 | 4.8 | 76.5 | 274.3 | 351.2 | 3.5 | .9 | 36.2 | |
| | Massachusetts | 20 | 7 | .5 | 7.1 | .3 | .6 | 4.1 | 22.6 | 47.9 | 70.3 | 1.8 | .3 | 8.6 | |
| | Michigan | 50 | 17 | 5.7 | 171.6 | 4.6 | 9.1 | 136.6 | 772.0 | 517.7 | 1 290.1 | 28.5 | 6.7 | 559.4 | |
| | Minnesota | 109 | 47 | 3.4 | 65.7 | 2.4 | 4.9 | 43.0 | 271.0 | 707.6 | 982.1 | 26.1 | 3.3 | 157.8 | |
| | Mississippi | 50 | 21 | 1.6 | 26.3 | 1.2 | 2.5 | 17.6 | 78.2 | 406.5 | 498.8 | 5.2 | 1.1 | 44.6 | |
| | Missouri | 87 | 39 | 4.2 | 78.0 | 2.9 | 5.8 | 49.7 | 395.0 | 835.9 | 1 230.0 | 23.7 | 5.0 | 309.1 | |
| | Nebraska | 121 | 43 | 3.7 | 81.4 | 2.7 | 6.0 | 59.7 | 465.0 | 645.0 | 1 1180.0</ | | | | |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|--|---------------------------------|---|--------------------------------|---------------------------------|--------------------|---------------------|-------------------------------|--|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expendi- tures (million dollars) | All em- ployees ² (1,000) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 20 | Food and kindred products—Con. | | | | | | | | | | | | | |
| 204 | Grain mill products—Con. | | | | | | | | | | | | | |
| | Oklahoma | 43 | 19 | 1.5 | 26.2 | 1.0 | 2.1 | 17.2 | 135.8 | 339.9 | 473.8 | 8.9 | 1.6 | 80.6 |
| | Oregon | 33 | 13 | .9 | 17.8 | .6 | 1.1 | 11.0 | 64.7 | 154.9 | 219.6 | (D) | .9 | 41.9 |
| | Pennsylvania | 150 | 40 | 4.8 | 99.4 | 3.1 | 6.1 | 59.3 | 464.9 | 871.8 | 1 339.9 | 35.3 | 4.2 | 270.1 |
| | South Carolina | 26 | 9 | .5 | 6.2 | .3 | .6 | 3.1 | 19.7 | 64.4 | 84.2 | .5 | .5 | 9.9 |
| | South Dakota | 25 | 7 | .5 | 7.8 | .3 | .6 | 4.2 | 27.4 | 87.6 | 115.3 | 2.0 | .5 | 17.4 |
| | Tennessee | 76 | 37 | 3.7 | 72.3 | 2.8 | 5.5 | 52.7 | 431.0 | 777.7 | 1 198.0 | (D) | 3.3 | 230.0 |
| | Texas | 166 | 69 | 7.6 | 111.4 | 5.2 | 10.8 | 68.4 | 436.1 | 1 283.5 | 1 712.1 | 44.4 | 7.4 | 315.5 |
| | Utah | 23 | 9 | .6 | 12.8 | .5 | .9 | 8.3 | 40.7 | 128.6 | 169.0 | 2.3 | .6 | 27.1 |
| | Virginia | 56 | 16 | .9 | 12.6 | .6 | 1.3 | 7.7 | 39.1 | 280.6 | 319.4 | 2.9 | 1.0 | 43.6 |
| | Washington | 48 | 16 | 1.2 | 23.8 | .9 | 1.7 | 17.2 | 65.7 | 239.5 | 305.3 | 4.2 | 1.2 | 47.6 |
| | Wisconsin | 102 | 29 | 2.2 | 41.0 | 1.4 | 2.8 | 21.6 | 170.3 | 378.9 | 550.9 | 8.1 | 2.2 | 124.8 |
| 205 | Bakery products | 2 663 | 1 261 | 216.5 | 4 050.7 | 124.0 | 241.3 | 2 084.8 | 10 650.4 | 7 162.9 | 17 808.2 | 490.3 | 2 866.1 | 7 073.2 |
| | Alabama | 20 | 15 | 3.3 | 60.6 | 1.7 | 3.4 | 27.1 | 173.5 | 115.3 | 288.2 | (D) | 3.5 | 92.9 |
| | Arizona | 31 | 9 | 1.6 | 25.9 | .7 | 1.4 | 13.5 | 46.2 | 47.0 | 93.2 | 2.4 | 1.1 | 29.1 |
| | Arkansas | 17 | 15 | 2.1 | 34.3 | 1.1 | 2.0 | 17.0 | 80.0 | 74.2 | 154.4 | 3.2 | 1.8 | 49.3 |
| | California | 320 | 147 | 21.3 | 483.4 | 11.5 | 21.6 | 234.0 | 1 158.9 | 720.2 | 1 879.0 | 58.0 | 19.7 | 727.0 |
| | Colorado | 47 | 19 | 3.0 | 62.2 | 2.0 | 3.8 | 36.8 | 178.7 | 100.4 | 278.8 | 4.7 | 2.9 | 117.8 |
| | Connecticut | 44 | 21 | 4.0 | 70.2 | 2.3 | 6.4 | 37.9 | 157.2 | 146.3 | 303.4 | (D) | 3.8 | 140.6 |
| | District of Columbia | 7 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Florida | 117 | 40 | 6.2 | 108.6 | 3.3 | 6.7 | 49.5 | 255.7 | 180.4 | 436.2 | 18.6 | 6.7 | 165.2 |
| | Georgia | 48 | 32 | 9.1 | 164.5 | 5.6 | 12.0 | 96.8 | 523.8 | 310.7 | 833.8 | 16.3 | 9.0 | 313.4 |
| | Hawaii | 33 | 9 | 1.2 | 18.9 | .5 | 1.0 | 8.2 | 41.6 | 29.0 | 70.7 | 2.1 | .8 | 20.6 |
| | Illinois | 126 | 72 | 14.8 | 299.3 | 10.1 | 19.6 | 195.2 | 827.6 | 576.8 | 1 400.8 | 50.8 | 16.1 | 584.6 |
| | Indiana | 38 | 28 | 4.9 | 97.0 | 2.9 | 5.6 | 53.3 | 270.0 | 199.2 | 469.6 | 24.8 | 4.1 | 114.5 |
| | Iowa | 25 | 15 | 2.4 | 41.7 | 1.3 | 2.6 | 19.9 | 91.3 | 82.8 | 174.3 | (D) | 2.3 | 71.2 |
| | Kansas | 18 | 11 | 2.9 | 55.0 | 1.3 | 2.5 | 25.0 | 164.5 | 93.6 | 258.6 | (D) | 3.0 | 106.0 |
| | Kentucky | 18 | 11 | 2.9 | 53.3 | 2.0 | 3.9 | 31.2 | 134.6 | 117.5 | 257.9 | 2.1 | 2.9 | 76.5 |
| | Louisiana | 28 | 17 | 3.0 | 55.8 | 1.4 | 2.5 | 19.3 | 107.1 | 76.5 | 183.6 | 6.4 | 3.4 | 86.9 |
| | Maine | 18 | 7 | 1.7 | 29.0 | .9 | 1.6 | 12.1 | 64.0 | 52.8 | 116.9 | 3.8 | 1.7 | 46.2 |
| | Maryland | 53 | 26 | 3.0 | 50.8 | 1.7 | 3.7 | 28.4 | 136.6 | 118.8 | 255.3 | 7.0 | 3.9 | 112.8 |
| | Massachusetts | 109 | 35 | 5.3 | 95.8 | 2.5 | 5.2 | 38.7 | 236.6 | 148.6 | 385.0 | 11.1 | 5.2 | 151.1 |
| | Michigan | 85 | 43 | 6.5 | 113.9 | 4.3 | 7.3 | 65.6 | 297.3 | 217.9 | 515.7 | 8.2 | 7.3 | 231.2 |
| | Minnesota | 37 | 24 | 3.0 | 52.2 | 1.7 | 3.2 | 28.1 | 116.8 | 83.6 | 200.4 | 7.9 | 2.6 | 72.4 |
| | Mississippi | 13 | 7 | 1.1 | 18.9 | .5 | 1.0 | 8.0 | 47.1 | 35.0 | 82.1 | (D) | 1.2 | 28.9 |
| | Missouri | 58 | 32 | 5.4 | 101.6 | 2.8 | 5.3 | 50.6 | 219.1 | 161.1 | 379.9 | 8.0 | 5.9 | 180.9 |
| | Montana | 14 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Nebraska | 18 | 11 | 1.8 | 30.9 | .8 | 1.6 | 13.8 | 61.5 | 40.5 | 101.7 | 1.3 | 1.5 | 46.2 |
| | New Jersey | 125 | 52 | 7.9 | 156.1 | 5.8 | 11.7 | 102.2 | 605.5 | 315.5 | 919.9 | 20.2 | 9.3 | 368.4 |
| | New Mexico | 14 | 4 | .5 | 8.8 | .2 | .5 | 3.2 | 27.1 | 17.3 | 44.4 | (D) | .7 | 16.9 |
| | New York | 329 | 98 | 14.6 | 282.1 | 8.3 | 16.7 | 132.8 | 687.4 | 466.1 | 1 153.7 | 25.4 | 14.4 | 442.4 |
| | North Carolina | 54 | 37 | 10.3 | 161.3 | 4.8 | 9.5 | 60.6 | 373.0 | 243.7 | 616.2 | 20.8 | 10.6 | 250.4 |
| | North Dakota | 11 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .6 | 16.8 |
| | Ohio | 102 | 51 | 9.8 | 190.3 | 6.3 | 12.0 | 111.4 | 562.0 | 366.0 | 926.3 | 19.0 | 12.5 | 443.2 |
| | Oklahoma | 17 | 8 | 1.9 | 38.6 | .9 | 1.8 | 15.4 | 89.4 | 62.8 | 154.2 | 4.2 | 1.9 | 47.6 |
| | Oregon | 32 | 16 | 2.9 | 57.7 | 1.8 | 3.3 | 33.6 | 192.9 | 102.2 | 294.3 | 7.6 | 2.6 | 115.8 |
| | Pennsylvania | 205 | 106 | 16.1 | 289.8 | 10.3 | 19.4 | 170.5 | 813.6 | 524.0 | 1 335.6 | 28.5 | 18.1 | 587.3 |
| | Rhode Island | 20 | 7 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.1 | 26.1 |
| | South Carolina | 12 | 10 | 2.0 | 33.4 | 1.1 | 2.4 | 17.3 | 100.6 | 82.8 | 183.3 | 3.5 | 2.0 | 59.7 |
| | South Dakota | 7 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Tennessee | 46 | 35 | 7.3 | 126.9 | 3.8 | 7.3 | 51.8 | 287.4 | 228.8 | 516.2 | 27.2 | 7.0 | 197.1 |
| | Texas | 125 | 72 | 12.6 | 223.8 | 6.8 | 13.6 | 109.1 | 603.7 | 411.6 | 1 015.2 | 31.1 | 11.8 | 345.9 |
| | Utah | 18 | 10 | 1.3 | 22.2 | .8 | 1.2 | 10.8 | 64.4 | 46.2 | 110.6 | (D) | 1.0 | 27.9 |
| | Virginia | 38 | 24 | 4.5 | 76.8 | 2.7 | 4.9 | 42.9 | 304.7 | 174.6 | 476.8 | 11.0 | 4.4 | 162.6 |
| | Washington | 47 | 21 | 3.2 | 65.0 | 1.7 | 3.0 | 29.2 | 130.5 | 88.9 | 219.4 | 4.6 | 2.6 | 102.2 |
| | West Virginia | 16 | 8 | 1.9 | 34.7 | .6 | 1.2 | 9.3 | 73.7 | 41.1 | 114.7 | 1.6 | 1.5 | 53.4 |
| | Wisconsin | 52 | 32 | 4.7 | 72.0 | 2.7 | 4.7 | 39.2 | 147.0 | 132.7 | 279.5 | 6.8 | 4.9 | 118.9 |
| 206 | Sugar and confectionery products | 1 033 | 506 | 95.7 | 1 660.6 | 77.0 | 150.2 | 1 196.5 | 6 234.0 | 9 384.7 | 15 575.8 | 470.0 | 105.4 | 4 150.9 |
| | Alabama | 5 | 3 | .6 | 7.0 | .4 | .7 | 4.1 | 33.8 | 49.4 | 74.6 | (D) | .5 | 10.0 |
| | California | 132 | 65 | 12.9 | 227.6 | 10.8 | 21.1 | 169.9 | 770.4 | 1 352.7 | 2 081.3 | 36.8 | 9.8 | 378.7 |
| | Colorado | 22 | 9 | 1.4 | 21.4 | 1.2 | 2.3 | 16.3 | 54.0 | 113.6 | 148.3 | (D) | 2.1 | 26.2 |
| | Connecticut | 11 | 6 | .6 | 7.9 | .4 | .7 | 4.4 | 59.1 | 40.8 | 91.2 | (D) | .7 | 34.0 |
| | Florida | 31 | 15 | 2.6 | 52.7 | 1.9 | 4.8 | 38.6 | 127.7 | 424.4 | 600.5 | 47.2 | 2.6 | 76.7 |
| | Georgia | 25 | 14 | 3.5 | 61.2 | 2.6 | 5.2 | 40.2 | 211.5 | 478.7 | 683.7 | 18.6 | 3.9 | 168.1 |
| | Hawaii | 29 | 22 | 3.6 | 61.6 | 2.8 | 5.9 | 42.6 | 159.7 | 265.0 | 428.1 | 28.3 | 3.8 | 159.8 |
| | Idaho | 6 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Illinois | 77 | 52 | 14.3 | 263.0 | 11.9 | 22.0 | 195.4 | 1 161.8 | 918.3 | 2 082.0 | 52.6 | 16.9 | 674.2 |
| | Indiana | 18 | 8 | 1.3 | 18.9 | 1.0 | 1.7 | 12.3 | 75.2 | 75.0 | 151.4 | 2.0 | 1.3 | 56.8 |
| | Louisiana | 41 | 29 | 4.0 | 75.1 | 3.2 | 6.9 | 58.4 | 176.8 | 742.9 | 938.4 | 38.7 | 4.9 | 158.0 |
| | Maryland | 17 | 5 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Massachusetts | 49 | 22 | 3.4 | 52.7 | 2.7 | 5.4 | 36.1 | 149.5 | 316.3 | 470.0 | 14.4 | 3.6 | 110.3 |
| | Michigan | 29 | 12 | 1.9 | 32.5 | 1.5 | 3.2 | 25.0 | 132.1 | 140.4 | 273.0 | 8.5 | 1.9 | 95.7 |
| | Minnesota | 17 | 12 | 3.5 | 51.8 | 3.2 | 5.3 | 41.9 | 142.0 | 223.7 | 370.7 | 8.1 | 2.0 | 72.1 |
| | Missouri | 21 | 9 | 1.0 | 16.1 | .8 | 1.6 | 11.4 | 61.0 | 74.2 | 136.7 | 2.0 | 1.4 | 48.5 |
| | Nebraska | 6 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.2 | 36.4 |
| | New Jersey | 41 | 16 | 2.5 | 56.2 | 2.0 | 3.9 | 41.4 | 280.6 | 368.7 | 657.2 | 9.3 | 3.1 | 144.3 |
| | New York | 75 | 32 | 5.1 | 92.8 | 3.9 | 8.5 | 64.7 | 466.2 | 719.8 | 1 182.2 | 15.2 | 9.7 | 522.7 |
| | North Dakota | 4 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Ohio | 54 | 17 | 1.6 | 20.8 | 1.2 | 2.2 | 13.6 | 95.3 | 82.3 | 177.7 | 3.6 | 2.2 | 62.3 |
| | Oklahoma | 9 | 4 | .5 | 4.8 | .4 | .8 | 3.3 | 9.0 | 19.4 | 27.7 | .4 | CC | (D) |
| | Oregon | 13 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .8 | 22.6 |
| | Pennsylvania | 111 | 55 | 13.6 | 244.1 | 10.6 | 20.3 | 173.8 | 927.9 | 1 041.0 | 1 957.6 | 54.5 | 15.3 | 511.0 |
| | Tennessee | 13 | 7 | 1.9 | 31.8 | 1.5 | 2.8 | 20.2 | 96.9 | 77.7 | 176.2 | (D) | 1.3 | 36.6 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|---|---------------------------------|---|--------------------------------|---------------------------------|--------------------|---------------------|-------------------------------|--|---|--|---|---|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁵ (million dollars) | New capital expend- itures (million dollars) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | |
| 20 | Food and kindred products—Con. | | | | | | | | | | | | |
| 206 | Sugar and confectionery products—Con. | | | | | | | | | | | | |
| | Texas | 33 | 15 | 3.4 | 59.3 | 2.6 | 4.8 | 42.2 | 250.9 | 452.2 | 689.8 | 22.0 | 2.8 |
| | Virginia | 21 | 15 | 2.1 | 30.5 | 1.6 | 3.2 | 18.1 | 131.6 | 290.8 | 427.5 | (D) | FF |
| | Washington | 17 | 6 | .6 | 10.4 | .4 | .8 | 6.2 | 31.1 | 27.6 | 58.6 | 2.2 | 1.6 |
| | Wisconsin | 21 | 11 | 1.6 | 26.4 | 1.3 | 2.4 | 16.2 | 187.3 | 209.3 | 399.0 | 10.2 | 1.5 |
| | Wyoming | 4 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| 207 | Fats and oils | 724 | 432 | 38.7 | 774.3 | 27.4 | 58.0 | 494.0 | 2 785.4 | 13 910.6 | 16 751.8 | 392.9 | 41.1 |
| | Alabama | 20 | 10 | 1.0 | 16.7 | .7 | 1.4 | 9.5 | 41.7 | 368.2 | 380.0 | 2.8 | 1.0 |
| | Arkansas | 17 | 15 | 1.3 | 19.9 | .9 | 2.0 | 13.0 | 62.5 | 497.6 | 555.9 | 9.0 | 1.0 |
| | California | 73 | 36 | 3.3 | 76.5 | 2.2 | 4.5 | 46.0 | 303.5 | 808.3 | 1 108.3 | 33.0 | 3.8 |
| | Colorado | 9 | 6 | .5 | 10.7 | .3 | .6 | 6.2 | 28.1 | 59.3 | 86.8 | (D) | .4 |
| | Georgia | 18 | 15 | 1.1 | 21.9 | .8 | 1.7 | 14.3 | 155.7 | 594.2 | 746.3 | 8.5 | 1.2 |
| | Illinois | 47 | 34 | 5.4 | 124.9 | 3.9 | 8.3 | 83.1 | 550.2 | 2 847.1 | 3 442.9 | 49.4 | 5.3 |
| | Indiana | 20 | 16 | 1.4 | 27.9 | 1.0 | 2.0 | 17.3 | 7.5 | 683.9 | 713.2 | 10.3 | 2.2 |
| | Iowa | 34 | 22 | 1.6 | 31.1 | 1.1 | 2.3 | 19.9 | 130.0 | 1 188.4 | 1 315.9 | 31.1 | 1.3 |
| | Kansas | 14 | 9 | .5 | 10.2 | .3 | .8 | 6.0 | 39.2 | 365.1 | 405.6 | 5.5 | BB |
| | Kentucky | 7 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .7 |
| | Louisiana | 19 | 15 | 1.0 | 17.0 | .8 | 1.7 | 11.9 | 59.3 | 309.4 | 362.5 | 7.2 | 1.2 |
| | Maryland | 9 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Michigan | 12 | 7 | .7 | 14.9 | .5 | 1.1 | 10.5 | 30.5 | 98.3 | 128.9 | 6.0 | .7 |
| | Minnesota | 26 | 18 | 1.3 | 26.2 | .9 | 1.7 | 17.6 | 81.7 | 706.6 | 810.2 | 14.8 | 1.2 |
| | Mississippi | 21 | 17 | 1.0 | 15.8 | .8 | 1.8 | 10.4 | 51.4 | 243.7 | 274.0 | 18.8 | 1.2 |
| | Missouri | 19 | 10 | .8 | 17.8 | .5 | 1.2 | 11.0 | 32.4 | 410.3 | 440.6 | 4.7 | .8 |
| | Nebraska | 19 | 9 | .6 | 12.1 | .4 | .9 | 7.8 | 33.6 | 374.7 | 411.5 | 1.9 | CC |
| | New Jersey | 16 | 11 | 1.0 | 20.2 | .6 | 1.4 | 11.8 | 46.7 | 246.6 | 297.3 | 5.2 | 1.5 |
| | New York | 14 | 6 | .5 | 11.6 | .4 | .7 | 7.3 | 44.2 | 87.9 | 132.4 | (D) | .5 |
| | North Carolina | 20 | 13 | 1.2 | 20.7 | 1.0 | 2.2 | 15.1 | 62.1 | 448.3 | 506.3 | (D) | 1.1 |
| | Ohio | 26 | 16 | 1.9 | 46.6 | 1.2 | 2.5 | 28.1 | 206.0 | 725.7 | 941.4 | 9.5 | 2.2 |
| | Oklahoma | 12 | 7 | .6 | 12.0 | .5 | 1.1 | 8.6 | 31.9 | 81.4 | 110.5 | 4.6 | .5 |
| | Pennsylvania | 22 | 10 | .8 | 15.7 | .4 | 1.0 | 8.1 | 44.5 | 112.1 | 156.2 | 4.6 | 1.0 |
| | South Carolina | 12 | 10 | .6 | 8.3 | .4 | 1.0 | 5.6 | 28.7 | 204.8 | 233.0 | 4.8 | .5 |
| | Tennessee | 24 | 16 | 2.0 | 42.6 | 1.4 | 2.8 | 26.8 | 172.6 | 846.1 | 1 024.3 | 19.8 | 2.1 |
| | Texas | 60 | 36 | 4.1 | 64.0 | 3.1 | 6.8 | 44.6 | 226.0 | 633.9 | 872.6 | 46.2 | 4.1 |
| | Virginia | 12 | 8 | .7 | 14.3 | .6 | 1.0 | 11.7 | 38.1 | 191.1 | 233.8 | 5.7 | .7 |
| 208 | Beverages | 2 584 | 1 501 | 194.1 | 4 244.1 | 95.3 | 189.5 | 2 000.9 | 16 683.6 | 22 163.7 | 38 800.7 | 1 627.9 | 195.1 |
| | Alabama | 29 | 24 | 2.3 | 36.9 | .7 | 1.4 | 9.5 | 134.8 | 180.4 | 315.3 | 8.9 | 3.5 |
| | Arizona | 25 | 16 | 1.4 | 27.7 | .5 | 1.1 | 8.6 | 107.4 | 164.9 | 272.6 | 6.2 | 1.0 |
| | Arkansas | 32 | 25 | 2.0 | 33.0 | .8 | 1.6 | 9.5 | 105.8 | 268.2 | 373.7 | 22.6 | 1.8 |
| | California | 408 | 186 | 23.6 | 554.1 | 12.7 | 23.9 | 280.4 | 2 309.0 | 3 576.8 | 5 896.7 | 218.4 | 19.3 |
| | Colorado | 27 | 16 | 6.8 | 184.3 | 2.5 | 5.3 | 60.9 | 384.9 | 614.4 | 990.4 | (D) | 5.2 |
| | Connecticut | 33 | 9 | 1.1 | 19.7 | .6 | 1.2 | 11.0 | 140.3 | 122.3 | 262.5 | 10.8 | 1.3 |
| | Florida | 66 | 46 | 7.0 | 148.0 | 3.3 | 7.0 | 71.2 | 667.3 | 948.8 | 1 614.7 | 42.5 | 6.1 |
| | Georgia | 66 | 45 | 5.1 | 106.5 | 2.6 | 5.5 | 53.1 | 510.4 | 746.4 | 1 255.5 | 39.1 | 4.8 |
| | Hawaii | 12 | 5 | .5 | 8.6 | .1 | .3 | 2.0 | 26.9 | 45.8 | 72.3 | (D) | .5 |
| | Illinois | 113 | 69 | 7.3 | 155.3 | 3.5 | 6.9 | 65.4 | 762.2 | 852.2 | 1 620.6 | 52.1 | 10.9 |
| | Indiana | 57 | 44 | 5.8 | 126.8 | 3.0 | 6.4 | 63.9 | 492.6 | 535.7 | 1 024.0 | 22.8 | 5.9 |
| | Iowa | 32 | 19 | 1.5 | 27.7 | .5 | 1.1 | 7.6 | 76.4 | 100.9 | 177.6 | 7.7 | 1.3 |
| | Kansas | 29 | 21 | 2.0 | 33.5 | .8 | 1.5 | 11.8 | 128.8 | 156.8 | 284.5 | 31.4 | 1.7 |
| | Kentucky | 63 | 49 | 7.1 | 136.9 | 4.3 | 8.5 | 77.3 | 667.6 | 685.3 | 1 347.4 | 44.2 | 7.9 |
| | Louisiana | 40 | 30 | 4.0 | 64.1 | 1.2 | 2.5 | 15.3 | 227.3 | 258.6 | 486.0 | 24.1 | 4.0 |
| | Maine | 14 | 7 | .8 | 13.2 | .3 | .6 | 3.8 | 39.8 | 61.9 | 101.6 | 3.0 | .3 |
| | Maryland | 43 | 27 | 3.7 | 81.0 | 1.8 | 3.9 | 38.3 | 432.6 | 433.3 | 837.8 | 14.8 | 5.3 |
| | Massachusetts | 57 | 27 | 3.1 | 58.0 | 2.0 | 3.7 | 29.3 | 181.3 | 375.3 | 557.7 | 15.3 | 3.0 |
| | Michigan | 63 | 32 | 5.2 | 128.7 | 3.0 | 6.2 | 72.3 | 379.4 | 557.4 | 936.2 | 43.2 | 6.4 |
| | Minnesota | 61 | 38 | 4.9 | 105.4 | 2.3 | 4.4 | 45.4 | 344.5 | 528.0 | 876.7 | 32.0 | 3.7 |
| | Mississippi | 36 | 25 | 1.9 | 30.8 | .6 | 1.3 | 8.2 | 94.9 | 139.4 | 234.2 | 6.6 | 1.9 |
| | Missouri | 65 | 41 | 7.5 | 215.8 | 4.7 | 9.2 | 133.7 | 658.6 | 800.5 | 1 457.7 | 30.2 | 6.8 |
| | Montana | 14 | 8 | .5 | 7.3 | .2 | .3 | 2.0 | 25.2 | 34.6 | 59.6 | 2.7 | .4 |
| | Nebraska | 24 | 15 | 1.1 | 19.8 | .4 | .9 | 6.7 | 63.4 | 86.3 | 149.7 | 4.6 | 1.1 |
| | New Hampshire | 10 | 6 | .9 | 25.4 | .6 | 1.1 | 17.3 | 136.6 | 169.0 | 304.8 | (D) | .7 |
| | New Jersey | 90 | 48 | 6.3 | 152.4 | 4.1 | 7.6 | 95.3 | 703.3 | 814.3 | 1 514.4 | 24.9 | 7.4 |
| | New Mexico | 15 | 11 | .6 | 10.0 | .2 | .4 | 2.8 | 33.5 | 69.6 | 103.1 | (D) | .7 |
| | New York | 172 | 75 | 10.1 | 234.0 | 5.8 | 11.8 | 128.5 | 1 118.8 | 1 291.0 | 2 408.5 | 160.3 | 10.3 |
| | North Carolina | 76 | 52 | 5.8 | 125.0 | 2.6 | 5.0 | 58.9 | 545.0 | 749.0 | 1 290.5 | 25.6 | 5.3 |
| | Ohio | 96 | 64 | 9.3 | 204.2 | 4.4 | 8.7 | 93.8 | 864.4 | 887.6 | 1 746.9 | 203.7 | 9.5 |
| | Oklahoma | 26 | 14 | 2.1 | 35.5 | .8 | 1.5 | 8.5 | 91.2 | 156.2 | 247.0 | 15.5 | 2.1 |
| | Oregon | 38 | 20 | 1.5 | 33.2 | .8 | 1.5 | 14.1 | 126.9 | 133.2 | 259.5 | 4.4 | 1.1 |
| | Pennsylvania | 132 | 71 | 8.8 | 178.8 | 4.4 | 8.7 | 80.7 | 553.5 | 840.3 | 1 390.9 | 46.8 | 9.2 |
| | South Carolina | 32 | 24 | 2.2 | 33.7 | .7 | 1.4 | 8.3 | 122.3 | 165.4 | 288.2 | 6.3 | 1.9 |
| | Tennessee | 60 | 42 | 5.6 | 108.6 | 2.4 | 4.3 | 39.3 | 450.7 | 593.1 | 1 043.7 | 25.7 | 5.4 |
| | Texas | 131 | 86 | 15.1 | 323.3 | 6.0 | 12.1 | 125.4 | 1 404.8 | 1 566.5 | 2 970.7 | 162.4 | 14.4 |
| | Utah | 13 | 8 | .6 | 11.2 | .3 | .4 | 3.1 | 34.0 | 69.3 | 102.9 | (D) | .8 |
| | Virginia | 43 | 31 | 3.7 | 86.5 | 1.7 | 4.1 | 40.8 | 426.2 | 534.7 | 960.1 | 16.6 | 3.8 |
| | Washington | 52 | 24 | 3.2 | 71.2 | 1.9 | 3.2 | 39.7 | 200.3 | 427.6 | 631.0 | 45.7 | 3.2 |
| | West Virginia | 29 | 19 | 1.3 | 21.6 | .4 | .9 | 5.7 | 66.7 | 79.6 | 146.1 | 5.3 | 1.2 |
| | Wisconsin | 99 | 49 | 8.9 | 224.8 | 5.3 | 10.2 | 136.8 | 664.3 | 1 056.5 | 1 721.7 | 89.2 | 11.0 |
| 209 | Miscellaneous foods and kindred products | 3 941 | 1 558 | 158.0 | 2 299.8 | 118.8 | 213.8 | 1 471.9 | 10 017.2 | 13 962.7 | 23 959.0 | 520.2 | 146.2 |
| | Alabama | 57 | 25 | 2.7 | 32.5 | 1.9 | 3.3 | 16.7 | 80.0 | 189.8 | 269.5 | 9.4 | 2.1 |
| | Alaska | 109 | 61 | 5.1 | 79.3 | 4.7 | 7.8 | 66.0 | 168.0 | 456.8 | 623.2 | 14.7 | 5.1 |
| | Arizona | 27 | 8 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | Arkansas | 27 | 7 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | California | 538 | 211 | 26.8 | 409.8 | 21.3 | 38.8 | 283.2 | 1 819.6 | 2 562.7 | 4 380.1 | 78.7 | 23.5 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|---|---------------------------------|---------------------------------------|--------------------------------|------------------------------|--------------------|---------------------|----------------------------|---|---|--|---|---------------------------------------|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All employees ² (1,000) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 20 | Food and kindred products—Con. | | | | | | | | | | | | | |
| 209 | Miscellaneous foods and kindred products—Con. | | | | | | | | | | | | | |
| | Colorado | 57 | 19 | 1.6 | 20.6 | 1.3 | 1.9 | 12.2 | 77.8 | 68.1 | 146.6 | 4.8 | 1.2 | 31.1 |
| | Delaware | 11 | 7 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Florida | 192 | 65 | 8.6 | 101.8 | 6.9 | 13.0 | 66.8 | 586.0 | 969.8 | 1 552.3 | 29.8 | 7.4 | 235.2 |
| | Georgia | 74 | 26 | 3.8 | 44.6 | 3.1 | 5.8 | 29.4 | 217.3 | 225.2 | 430.7 | 7.0 | 3.4 | 88.5 |
| | Hawaii | 72 | 16 | 1.4 | 16.3 | 1.0 | 1.7 | 9.6 | 33.9 | 64.0 | 97.9 | 8.5 | 1.1 | 20.3 |
| | Illinois | 161 | 73 | 7.7 | 130.7 | 5.4 | 9.8 | 75.9 | 599.4 | 610.9 | 1 210.2 | 26.8 | 8.2 | 409.1 |
| | Indiana | 56 | 25 | 2.2 | 38.9 | 1.5 | 2.8 | 22.8 | 177.1 | 173.3 | 346.1 | 10.1 | 1.8 | 94.3 |
| | Iowa | 35 | 12 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.2 | 64.2 |
| | Kansas | 36 | 9 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.0 | 44.1 |
| | Kentucky | 28 | 12 | 1.6 | 27.0 | 1.2 | 2.3 | 17.2 | 129.0 | 195.1 | 324.5 | 11.7 | 1.5 | 71.0 |
| | Louisiana | 141 | 54 | 3.6 | 42.7 | 2.9 | 5.5 | 30.2 | 260.5 | 585.2 | 849.0 | 10.3 | 3.8 | 119.1 |
| | Maine | 53 | 23 | 2.0 | 20.8 | 1.7 | 2.6 | 15.6 | 48.7 | 94.6 | 143.5 | 2.9 | 2.1 | 42.4 |
| | Maryland | 89 | 26 | 3.7 | 57.8 | 2.1 | 3.8 | 31.6 | 200.5 | 360.1 | 556.8 | 9.2 | 4.6 | 130.0 |
| | Massachusetts | 147 | 73 | 6.3 | 94.8 | 4.7 | 8.4 | 60.7 | 231.2 | 653.2 | 880.8 | 12.8 | 5.7 | 141.5 |
| | Michigan | 84 | 32 | 2.5 | 38.9 | 1.8 | 3.4 | 21.8 | 141.6 | 163.6 | 305.2 | 4.9 | 2.5 | 78.5 |
| | Minnesota | 57 | 27 | 1.9 | 32.1 | 1.2 | 2.3 | 17.2 | 104.8 | 162.2 | 266.7 | 5.6 | 1.4 | 56.5 |
| | Mississippi | 46 | 22 | 2.6 | 29.2 | 2.2 | 4.0 | 20.5 | 136.7 | 204.8 | 341.3 | 6.7 | 1.4 | 42.2 |
| | Missouri | 69 | 24 | 2.8 | 51.5 | 1.5 | 2.8 | 24.8 | 239.1 | 339.4 | 575.9 | 14.0 | 2.7 | 147.9 |
| | Nebraska | 19 | 9 | .7 | 12.0 | .5 | .9 | 6.8 | 69.1 | 80.3 | 149.9 | 1.1 | .9 | 46.2 |
| | New Jersey | 113 | 44 | 6.4 | 130.8 | 4.4 | 8.7 | 82.1 | 694.5 | 970.7 | 1 672.1 | 30.8 | 6.3 | 366.8 |
| | New Mexico | 29 | 8 | .5 | 5.2 | .3 | .5 | 3.4 | 11.7 | 12.4 | 24.7 | .9 | .3 | 9.6 |
| | New York | 212 | 78 | 6.4 | 96.4 | 4.8 | 8.9 | 66.1 | 376.4 | 583.4 | 959.3 | 26.1 | 6.6 | 270.7 |
| | North Carolina | 97 | 45 | 3.4 | 36.4 | 2.5 | 4.2 | 22.3 | 187.4 | 178.5 | 364.0 | 26.2 | 2.6 | 50.0 |
| | Ohio | 130 | 45 | 4.2 | 68.3 | 2.8 | 5.3 | 36.1 | 316.8 | 381.7 | 699.4 | 11.4 | 4.8 | 238.4 |
| | Oklahoma | 26 | 6 | .6 | 9.7 | .3 | .6 | 4.2 | 37.5 | 65.4 | 101.8 | 2.2 | BB | (D) |
| | Oregon | 68 | 32 | 2.3 | 30.6 | 1.8 | 2.9 | 19.1 | 81.6 | 107.0 | 188.3 | 4.8 | 2.6 | 54.2 |
| | Pennsylvania | 132 | 57 | 7.8 | 120.2 | 5.4 | 10.3 | 70.9 | 483.8 | 571.2 | 1 055.7 | 30.9 | 7.8 | 273.4 |
| | Rhode Island | 32 | 10 | .7 | 7.9 | .5 | .9 | 5.5 | 21.0 | 35.3 | 56.3 | 1.4 | .5 | 10.5 |
| | South Carolina | 33 | 10 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | Tennessee | 57 | 20 | 2.6 | 37.1 | 1.9 | 3.5 | 22.0 | 180.7 | 197.4 | 381.2 | 22.3 | 3.0 | 94.0 |
| | Texas | 307 | 116 | 12.3 | 163.4 | 9.0 | 15.7 | 106.6 | 780.1 | 1 028.0 | 1 816.0 | 35.6 | 9.1 | 389.6 |
| | Utah | 20 | 8 | .6 | 7.7 | .3 | .5 | 3.4 | 17.4 | 17.6 | 35.9 | (D) | .6 | 11.7 |
| | Virginia | 141 | 80 | 6.3 | 69.1 | 5.1 | 8.2 | 46.6 | 392.5 | 415.1 | 806.8 | 11.0 | 5.8 | 165.8 |
| | Washington | 174 | 81 | 6.2 | 84.6 | 5.2 | 8.1 | 59.1 | 272.0 | 504.9 | 776.5 | 17.2 | 5.1 | 180.3 |
| | Wisconsin | 65 | 28 | 2.1 | 32.9 | 1.7 | 3.0 | 22.0 | 166.1 | 131.2 | 297.5 | 4.9 | EE | (D) |
| 21 | Tobacco products | 163 | 107 | 57.9 | 1 323.5 | 45.3 | 83.7 | 957.1 | 8 964.8 | 7 099.9 | 16 061.4 | 697.3 | 60.6 | 4 334.1 |
| | Alabama | 3 | 3 | .6 | 7.4 | .6 | 1.1 | 6.1 | 15.3 | 13.1 | 28.4 | (D) | CC | (D) |
| | Florida | 32 | 9 | 1.7 | 22.3 | 1.4 | 2.7 | 16.1 | 27.0 | 47.1 | 74.2 | 5.2 | 2.7 | 32.0 |
| | Georgia | 2 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Kentucky | 15 | 14 | 7.3 | 201.1 | 5.8 | 10.9 | 157.3 | 1 136.2 | 1 003.4 | 2 156.8 | 27.2 | 11.1 | 804.0 |
| | North Carolina | 23 | 23 | 23.1 | 516.4 | 18.9 | 36.1 | 393.0 | 4 234.6 | 3 482.6 | 7 707.0 | 231.6 | 23.4 | 2 113.8 |
| | Pennsylvania | 22 | 15 | 2.4 | 25.5 | 2.2 | 4.2 | 21.0 | 83.9 | 78.6 | 162.4 | 1.4 | 3.3 | 74.1 |
| | South Carolina | 3 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Tennessee | 9 | 8 | 1.3 | 19.8 | 1.0 | 1.9 | 12.8 | 203.8 | 144.1 | 345.7 | 3.6 | 1.1 | 41.9 |
| | Virginia | 16 | 15 | 17.6 | 447.3 | 12.4 | 21.1 | 289.9 | 2 489.1 | 1 987.4 | 4 470.8 | (D) | 14.9 | 1 100.0 |
| 211 | Cigarettes | 14 | 13 | 41.5 | 1 093.7 | 32.2 | 58.5 | 801.0 | 8 098.3 | 4 052.3 | 12 126.8 | 570.9 | 39.0 | 3 803.1 |
| | Georgia | 1 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | Kentucky | 3 | 3 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | North Carolina | 6 | 6 | 18.6 | 462.1 | 15.5 | 29.6 | 360.2 | 4 079.3 | 1 918.7 | 5 979.7 | (D) | 17.9 | 2 002.3 |
| | Virginia | 2 | 2 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| 212 | Cigars | 60 | 30 | 5.1 | 58.5 | 4.5 | 8.5 | 45.4 | 133.3 | 120.5 | 253.7 | 7.4 | 7.7 | 125.6 |
| | Alabama | 3 | 3 | .6 | 7.4 | .6 | 1.1 | 6.1 | 15.3 | 13.1 | 28.4 | (D) | CC | (D) |
| | Florida | 25 | 9 | 1.6 | 21.8 | 1.4 | 2.7 | 15.7 | 26.2 | 46.2 | 72.6 | (D) | 2.6 | 31.2 |
| | Pennsylvania | 12 | 10 | 2.0 | 20.5 | 1.9 | 3.5 | 17.6 | 73.8 | 47.5 | 121.2 | 1.0 | 2.7 | 63.7 |
| 213 | Chewing and smoking tobacco | 29 | 18 | 3.1 | 51.6 | 2.4 | 4.4 | 37.4 | 420.5 | 246.8 | 665.4 | 8.3 | 3.2 | 188.9 |
| | Kentucky | 3 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Tennessee | 5 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| 214 | Tobacco stemming and redrying | 60 | 46 | 8.3 | 119.8 | 6.2 | 12.3 | 73.3 | 312.6 | 2 680.2 | 3 015.4 | 110.7 | 10.7 | 62.6 |
| | Kentucky | 9 | 8 | .8 | 15.7 | .6 | 1.5 | 11.0 | 31.1 | 467.2 | 514.2 | (D) | EE | (D) |
| | North Carolina | 15 | 15 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 5.3 | 97.1 |
| | South Carolina | 2 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Tennessee | 4 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | Virginia | 10 | 9 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.1 | 37.6 |
| 22 | Textile mill products | 6 630 | 3 663 | 717.4 | 9 046.1 | 615.5 | 1 158.9 | 6 936.2 | 18 550.2 | 28 713.4 | 47 515.4 | 1 579.0 | 875.7 | 16 104.5 |
| | Alabama | 185 | 128 | 31.6 | 382.0 | 27.9 | 52.5 | 318.4 | 837.4 | 1 192.3 | 2 044.5 | 115.2 | 42.3 | 685.4 |
| | Arkansas | 15 | 9 | 3.5 | 41.8 | 2.8 | 4.7 | 29.0 | 120.3 | 201.0 | 323.3 | (D) | 4.3 | 90.5 |
| | California | 412 | 141 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 16.4 | 356.1 |
| | Connecticut | 96 | 57 | 7.5 | 103.0 | 6.0 | 11.4 | 71.4 | 216.2 | 244.3 | 460.0 | 7.9 | 10.1 | 182.1 |
| | Delaware | 8 | 6 | .6 | 11.1 | .5 | 1.0 | 7.0 | 24.4 | 27.8 | 52.5 | (D) | 1.0 | 17.5 |
| | Florida | 141 | 34 | 3.0 | 32.0 | 2.5 | 4.9 | 24.3 | 62.7 | 75.7 | 140.6 | 5.4 | 4.7 | 65.5 |
| | Georgia | 629 | 388 | 91.6 | 1 183.0 | 78.4 | 151.3 | 901.6 | 2 811.3 | 5 817.2 | 8 636.7 | 265.4 | 116.6 | 2 433.8 |
| | Illinois | 82 | 31 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 3.7 | 86.0 |
| | Indiana | 29 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.1 | 30.0 |
| | Iowa | 13 | 5 | .8 | 10.7 | .6 | 1.2 | 6.7 | 30.1 | 16.4 | 45.8 | 1.2 | 1.2 | 24.1 |
| | Kentucky | 30 | 20 | 6.8 | 80.1 | 6.1 | 10.8 | 67.9 | 139.9 | 134.3 | 280.2 | 4.7 | 7.3 | 113.8 |
| | Louisiana | 15 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.5 | 23.1 |
| | Maine | 62 | 43 | 8.2 | 97.4 | 6.6 | 12.9 | 72.1 | 216.3 | 193.1 | 410.0 | 22.4 | 9.2 | 168.4 |
| | Maryland | 19 | 8 | 1.3 | 15.1 | 1.2 | 2.2 | 11.6 | 53.7 | 25.8 | 77.3 | (D) | 1.1 | 17.4 |
| | Massachusetts | 251 | 157 | 20.9 | 305.4 | 16.9 | 33.0 | 214.7 | 621.0 | 771.2 | 1 397.7 | 36.0 | 26.3 | 522.2 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|--|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | |
| 22 | Textile mill products—Con. | | | | | | | | | | | | |
| | Michigan..... | 48 | 15 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.6 97.9 |
| | Minnesota..... | 29 | 14 | 2.0 | 28.8 | 1.7 | 3.3 | 21.3 | 58.6 | 62.4 | 123.2 | 1.3 | 2.5 33.3 |
| | Mississippi..... | 30 | 19 | 6.3 | 75.1 | 5.5 | 10.4 | 59.3 | 152.5 | 195.4 | 348.5 | 39.1 | 7.8 146.2 |
| | Missouri..... | 26 | 9 | .7 | 8.4 | .5 | .9 | 5.0 | 28.2 | 26.3 | 54.1 | (D) | .4 5.3 |
| | Montana..... | 4 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) (NA) |
| | New Hampshire..... | 49 | 30 | 3.7 | 50.8 | 3.1 | 6.2 | 38.3 | 113.4 | 96.5 | 211.7 | 5.0 | 6.1 125.7 |
| | New Jersey..... | 454 | 210 | 17.0 | 262.7 | 14.0 | 28.0 | 193.4 | 462.7 | 589.4 | 1 054.4 | 23.0 | 23.4 453.1 |
| | New Mexico..... | 7 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC (D) |
| | New York..... | 1 029 | 392 | 28.7 | 393.8 | 23.5 | 47.1 | 276.8 | 791.4 | 983.2 | 1 786.1 | 48.0 | 43.0 756.9 |
| | North Carolina..... | 1 280 | 912 | 218.8 | 2 573.3 | 192.6 | 356.3 | 2 053.8 | 4 961.6 | 8 297.1 | 13 236.3 | 450.7 | 245.3 4 267.4 |
| | Ohio..... | 87 | 39 | 4.9 | 78.2 | 3.6 | 7.1 | 45.1 | 165.1 | 176.0 | 343.6 | (D) | 7.2 181.9 |
| | Oklahoma..... | 16 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.9 29.8 |
| | Oregon..... | 25 | 12 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE (D) |
| | Pennsylvania..... | 454 | 277 | 40.0 | 498.7 | 32.6 | 60.8 | 353.8 | 987.1 | 1 230.8 | 2 234.0 | 41.2 | 46.8 803.8 |
| | Rhode Island..... | 174 | 105 | 10.2 | 137.5 | 8.7 | 17.1 | 100.4 | 263.2 | 318.0 | 591.9 | 12.3 | 12.8 215.9 |
| | South Carolina..... | 393 | 328 | 113.3 | 1 452.8 | 99.0 | 182.2 | 1 147.2 | 2 815.5 | 4 381.7 | 7 254.2 | 270.4 | 139.1 2 468.3 |
| | Tennessee..... | 139 | 103 | 24.1 | 278.5 | 21.2 | 39.7 | 222.4 | 557.7 | 816.8 | 1 378.4 | 37.4 | 27.1 426.5 |
| | Texas..... | 99 | 23 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 7.1 140.0 |
| | Vermont..... | 24 | 8 | .7 | 9.4 | .6 | 1.1 | 5.9 | 22.2 | 18.2 | 40.5 | 1.3 | .6 8.6 |
| | Virginia..... | 98 | 74 | 36.6 | 460.0 | 31.5 | 59.5 | 360.8 | 935.0 | 1 579.3 | 2 516.3 | 91.1 | 43.0 850.1 |
| | Washington..... | 40 | 11 | 1.2 | 14.2 | 1.0 | 1.9 | 11.2 | 24.2 | 25.3 | 50.1 | 3.9 | 1.0 16.4 |
| | West Virginia..... | 6 | 4 | .7 | 7.2 | .6 | 1.1 | 5.6 | 19.3 | 16.3 | 34.9 | 1.1 | .7 10.6 |
| | Wisconsin..... | 53 | 25 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 4.7 114.6 |
| 221 | Weaving mills, cotton..... | 269 | 143 | 76.9 | 964.6 | 69.2 | 127.0 | 818.2 | 1 637.5 | 2 293.7 | 3 972.0 | 297.9 | 117.2 1 944.5 |
| | Alabama..... | 16 | 14 | 7.7 | 94.0 | 6.9 | 12.9 | 81.3 | 179.9 | 192.0 | 376.5 | (D) | 15.1 204.4 |
| | Georgia..... | 35 | 27 | 17.1 | 206.0 | 15.7 | 28.7 | 176.1 | 309.2 | 540.9 | 866.9 | (D) | 29.1 517.4 |
| | Maine..... | 4 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE (D) |
| | Mississippi..... | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE (D) |
| | New Jersey..... | 11 | 6 | .5 | 7.1 | .3 | .6 | 5.4 | 14.9 | 15.6 | 31.3 | 1.2 | CC (D) |
| | North Carolina..... | 38 | 29 | 26.6 | 325.6 | 23.7 | 42.5 | 279.4 | 539.1 | 831.2 | 1 384.6 | (D) | 35.4 636.3 |
| | South Carolina..... | 40 | 37 | 16.8 | 219.6 | 15.4 | 27.9 | 185.5 | 350.8 | 471.4 | 821.2 | (D) | 25.6 377.8 |
| | Tennessee..... | 6 | 4 | 2.5 | 34.9 | 2.3 | 4.7 | 29.2 | 61.0 | 48.7 | 110.4 | (D) | EE (D) |
| | Texas..... | 7 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.2 11.1 |
| | Virginia..... | 6 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 3.1 57.1 |
| 222 | Weaving mills, synthetics..... | 523 | 363 | 140.8 | 1 815.2 | 123.0 | 230.5 | 1 446.6 | 3 488.6 | 4 647.1 | 8 191.2 | 385.3 | 151.0 2 790.9 |
| | Alabama..... | 15 | 13 | 6.7 | 84.0 | 5.8 | 11.1 | 68.9 | 154.8 | 183.5 | 347.0 | (D) | 5.9 89.9 |
| | Arkansas..... | 2 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) (NA) |
| | Connecticut..... | 7 | 4 | .6 | 7.7 | .5 | .9 | 5.5 | 16.7 | 15.1 | 31.2 | (D) | 1.2 21.0 |
| | Georgia..... | 42 | 38 | 13.2 | 177.5 | 11.1 | 22.2 | 137.5 | 414.4 | 533.8 | 951.7 | (D) | 11.3 264.8 |
| | Maine..... | 8 | 6 | 1.8 | 22.2 | 1.4 | 2.9 | 16.0 | 48.2 | 31.7 | 80.2 | 4.5 | 1.3 23.8 |
| | Massachusetts..... | 19 | 14 | 3.4 | 50.6 | 2.7 | 5.4 | 37.2 | 85.4 | 129.3 | 216.2 | (D) | 4.0 70.8 |
| | Minnesota..... | 4 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) (NA) |
| | New Jersey..... | 19 | 5 | .5 | 8.6 | .4 | .8 | 6.4 | 13.3 | 16.3 | 30.1 | .8 | .8 15.9 |
| | New York..... | 29 | 11 | 1.4 | 23.3 | .9 | 1.8 | 12.9 | 43.2 | 38.3 | 81.8 | 5.5 | .8 9.8 |
| | North Carolina..... | 84 | 76 | 34.6 | 442.4 | 30.4 | 57.4 | 353.9 | 836.8 | 1 214.4 | 2 077.0 | (D) | 40.6 774.5 |
| | Pennsylvania..... | 32 | 25 | 4.0 | 50.4 | 3.5 | 6.8 | 40.2 | 103.2 | 124.4 | 230.4 | 4.6 | 4.5 68.7 |
| | Rhode Island..... | 15 | 11 | .8 | 10.0 | .7 | 1.4 | 8.9 | 18.9 | 25.9 | 44.5 | 2.4 | .7 11.3 |
| | South Carolina..... | 111 | 110 | 52.4 | 655.5 | 46.9 | 84.9 | 537.7 | 1 279.3 | 1 663.3 | 2 951.3 | 114.6 | 57.5 1 035.8 |
| | Tennessee..... | 5 | 5 | 1.4 | 20.0 | 1.2 | 2.0 | 15.2 | 41.2 | 64.0 | 109.2 | (D) | 2.4 47.3 |
| | Texas..... | 19 | 8 | 2.7 | 34.8 | 2.3 | 4.4 | 28.6 | 59.2 | 76.6 | 135.7 | (D) | 3.3 58.2 |
| | Virginia..... | 18 | 16 | 14.2 | 189.2 | 12.4 | 23.7 | 148.6 | 282.0 | 451.0 | 735.5 | (D) | 14.5 268.4 |
| 223 | Weaving and finishing mills, wool..... | 131 | 71 | 13.1 | 175.8 | 11.3 | 22.8 | 136.5 | 349.4 | 394.2 | 762.8 | 27.7 | 14.6 312.9 |
| | Georgia..... | 7 | 5 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE (D) |
| | Maine..... | 12 | 9 | 2.1 | 28.3 | 1.8 | 3.7 | 22.3 | 64.8 | 53.8 | 120.7 | (D) | 3.1 58.4 |
| | Massachusetts..... | 18 | 10 | 1.7 | 23.5 | 1.5 | 2.9 | 17.0 | 55.0 | 34.9 | 90.4 | (D) | 2.2 45.2 |
| | New Hampshire..... | 6 | 5 | 1.0 | 15.1 | .9 | 1.8 | 12.0 | 31.2 | 25.6 | 59.5 | (D) | 1.7 37.3 |
| | Pennsylvania..... | 9 | 6 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC (D) |
| | Rhode Island..... | 9 | 6 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.0 20.8 |
| | South Carolina..... | 4 | 3 | .6 | 8.0 | .6 | 1.3 | 7.6 | 8.5 | 11.6 | 27.2 | (D) | .5 14.2 |
| | Washington..... | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB (D) |
| 224 | Narrow fabric mills..... | 281 | 161 | 17.5 | 215.5 | 15.2 | 28.5 | 158.9 | 464.7 | 388.3 | 851.8 | 22.3 | 20.8 350.8 |
| | Alabama..... | 6 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC (D) |
| | Maryland..... | 4 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB (D) |
| | Massachusetts..... | 19 | 12 | .8 | 11.1 | .7 | 1.4 | 7.5 | 24.2 | 18.7 | 42.7 | (D) | 1.2 19.4 |
| | New Hampshire..... | 7 | 6 | .9 | 11.8 | .7 | 1.4 | 8.6 | 34.0 | 13.6 | 47.8 | (D) | .8 18.8 |
| | New Jersey..... | 21 | 7 | .5 | 8.6 | .5 | 1.0 | 6.3 | 17.3 | 15.9 | 33.5 | .6 | .5 10.9 |
| | New York..... | 33 | 11 | .9 | 15.8 | .7 | 1.3 | 9.2 | 26.0 | 22.7 | 49.4 | .9 | 1.6 34.6 |
| | North Carolina..... | 42 | 31 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF (D) |
| | Pennsylvania..... | 35 | 22 | 2.0 | 25.6 | 1.7 | 3.3 | 19.7 | 48.7 | 42.0 | 89.7 | 1.5 | 2.2 32.2 |
| | Rhode Island..... | 31 | 23 | 2.6 | 33.6 | 2.3 | 4.3 | 22.1 | 60.4 | 60.8 | 121.8 | 1.6 | 3.4 49.5 |
| | South Carolina..... | 12 | 11 | 1.6 | 18.3 | 1.4 | 2.5 | 14.3 | 41.8 | 44.2 | 87.0 | 3.8 | 2.4 40.4 |
| | Virginia..... | 5 | 4 | .9 | 9.2 | .8 | 1.2 | 7.3 | 15.5 | 9.9 | 26.0 | 1.5 | EE (D) |
| 225 | Knitting mills..... | 2 334 | 1 302 | 204.8 | 2 327.2 | 174.8 | 323.5 | 1 753.1 | 4 985.4 | 5 946.1 | 10 986.1 | 234.6 | 235.9 3 863.0 |
| | Alabama..... | 72 | 40 | 4.9 | 47.8 | 4.4 | 8.0 | 39.4 | 95.3 | 164.2 | 251.0 | 7.6 | 5.9 67.9 |
| | California..... | 105 | 43 | 3.5 | 38.9 | 3.0 | 5.6 | 28.8 | 80.9 | 80.3 | 160.4 | 2.5 | 4.4 67.5 |
| | Connecticut..... | 16 | 14 | 1.7 | 18.8 | 1.4 | 2.6 | 13.9 | 43.7 | 56.4 | 98.9 | (D) | 2.2 41.0 |
| | Florida..... | 58 | 24 | 2.1 | 21.9 | 1.8 | 3.6 | 17.2 | 45.1 | 50.9 | 96.9 | 3.5 | 3.7 51.2 |
| | Georgia..... | 53 | 33 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF (D) |
| | Kentucky..... | 10 | 9 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 4.3 51.7 |
| | Louisiana..... | 3 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE (D) |
| | Massachusetts..... | 43 | 22 | 3.9 | 49.2 | 3.3 | 5.9 | 36.3 | 95.7 | 144.5 | 244.1 | 2.1 | 6.3 132.2 |
| | Minnesota..... | 10 | 7 | .9 | 11.0 | .8 | 1.4 | 8.6 | 17.5 | 18.3 | 38.4 | 1.0 | 1.6 14.1 |
| | Mississippi..... | 10 | 9 | 3.4 | 34.7 | 3.1 | 5.7 | 29.4 | 81.6 | 66.5 | 150.2 | (D) | 3.7 55.5 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|--------------------------------------|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|------------------------------------|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All employees ² (1,000) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 22 | Textile mill products—Con. | | | | | | | | | | | | | |
| 225 | Knitting mills—Con. | | | | | | | | | | | | | |
| | New Hampshire | 11 | 6 | .6 | 7.1 | .5 | 1.0 | 5.4 | 17.2 | 13.2 | 29.6 | (D) | 1.6 | 26.0 |
| | New Jersey | 178 | 84 | 7.4 | 95.8 | 6.2 | 12.2 | 73.9 | 161.4 | 232.5 | 397.3 | 7.0 | 9.9 | 167.7 |
| | New Mexico | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | New York | 637 | 261 | 18.6 | 236.7 | 15.6 | 31.6 | 173.5 | 490.4 | 635.4 | 1 131.6 | 28.6 | 29.1 | 471.7 |
| | North Carolina | 637 | 425 | 80.5 | 879.6 | 69.9 | 127.0 | 675.6 | 1 794.1 | 2 520.0 | 4 344.8 | 99.1 | FF | (D) |
| | Ohio | 15 | 11 | 1.8 | 25.9 | 1.4 | 2.9 | 15.7 | 59.3 | 37.2 | 95.9 | 2.3 | 1.9 | 50.1 |
| | Pennsylvania | 200 | 134 | 22.5 | 266.7 | 17.9 | 32.8 | 181.4 | 559.7 | 674.6 | 1 244.3 | 20.8 | 25.2 | 446.4 |
| | Rhode Island | 17 | 12 | 1.0 | 14.2 | .8 | 1.6 | 10.8 | 31.1 | 46.0 | 77.5 | .8 | 1.4 | 23.1 |
| | South Carolina | 52 | 39 | 9.0 | 99.3 | 7.3 | 12.4 | 66.8 | 280.2 | 215.6 | 500.3 | 13.9 | 11.3 | 216.6 |
| | Tennessee | 63 | 50 | 12.6 | 127.3 | 10.9 | 20.2 | 100.8 | 270.6 | 244.5 | 513.9 | 10.0 | 12.9 | 173.7 |
| | Texas | 13 | 4 | .5 | 5.5 | .4 | .7 | 4.1 | 8.4 | 4.4 | 12.8 | .3 | .8 | 15.0 |
| | Virginia | 24 | 21 | 9.9 | 118.1 | 8.6 | 16.2 | 92.2 | 292.5 | 274.4 | 564.0 | 10.0 | 11.8 | 212.5 |
| | West Virginia | 2 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Wisconsin | 18 | 14 | 2.7 | 34.8 | 2.1 | 3.9 | 23.4 | 73.6 | 53.9 | 128.0 | (D) | 3.1 | 62.0 |
| 226 | Textile finishing, except wool | 753 | 353 | 58.1 | 834.0 | 47.4 | 93.7 | 607.4 | 1 590.3 | 3 351.0 | 4 971.9 | 118.1 | 72.1 | 1 416.7 |
| | Alabama | 11 | 8 | 1.4 | 18.4 | 1.2 | 2.4 | 14.9 | 50.8 | 113.7 | 166.7 | (D) | EE | (D) |
| | Arkansas | 5 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | California | 54 | 10 | .8 | 10.1 | .6 | 1.1 | 6.8 | 20.6 | 20.8 | 40.6 | .6 | 1.0 | 20.1 |
| | Connecticut | 12 | 6 | .9 | 14.0 | .8 | 1.4 | 10.3 | 16.8 | 27.0 | 45.1 | 1.0 | 1.7 | 30.8 |
| | Georgia | 45 | 31 | 5.5 | 68.6 | 4.6 | 9.2 | 49.4 | 166.3 | 302.2 | 471.1 | 16.3 | 6.4 | 103.8 |
| | Massachusetts | 45 | 36 | 5.1 | 77.7 | 4.1 | 8.3 | 55.1 | 158.1 | 144.9 | 300.4 | 8.9 | 5.0 | 90.9 |
| | New Jersey | 88 | 57 | 4.5 | 87.1 | 3.7 | 8.0 | 63.3 | 139.3 | 149.2 | 288.7 | 7.8 | 6.0 | 133.0 |
| | New York | 91 | 31 | 1.7 | 23.9 | 1.5 | 2.8 | 18.6 | 35.5 | 46.5 | 82.7 | 1.9 | 3.1 | 57.2 |
| | North Carolina | 96 | 66 | 10.9 | 150.1 | 8.9 | 17.4 | 107.0 | 259.3 | 645.6 | 908.0 | 23.5 | 12.6 | 303.6 |
| | Pennsylvania | 43 | 20 | 1.4 | 19.5 | 1.1 | 2.2 | 14.1 | 36.3 | 27.4 | 63.8 | 1.8 | 1.8 | 28.2 |
| | Rhode Island | 26 | 13 | 1.6 | 23.7 | 1.3 | 2.6 | 17.6 | 45.0 | 59.3 | 104.0 | 2.5 | 2.3 | 34.7 |
| | South Carolina | 45 | 35 | 16.0 | 233.2 | 13.0 | 25.6 | 171.0 | 397.4 | 1 068.9 | 1 500.1 | 32.3 | 19.0 | 326.5 |
| | Tennessee | 11 | 7 | .9 | 11.6 | .8 | 1.5 | 9.8 | 22.3 | 70.9 | 93.9 | (D) | 1.4 | 25.3 |
| | Virginia | 16 | 9 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| 227 | Floor covering mills | 505 | 243 | 41.9 | 603.1 | 32.9 | 65.0 | 396.4 | 1 711.7 | 4 089.3 | 5 807.8 | 83.9 | 55.8 | 1 530.1 |
| | Alabama | 5 | 4 | .7 | 9.3 | .6 | 1.0 | 6.2 | 31.8 | 45.9 | 78.7 | (D) | 1.0 | 37.9 |
| | Arkansas | 2 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.2 | 33.5 |
| | California | 71 | 34 | 3.7 | 64.7 | 2.3 | 4.3 | 28.8 | 139.6 | 349.3 | 493.9 | 6.0 | 5.8 | 163.9 |
| | Georgia | 284 | 141 | 23.9 | 347.5 | 19.2 | 38.9 | 234.0 | 1 149.0 | 2 813.4 | 3 948.1 | 51.0 | 30.4 | 901.6 |
| | Mississippi | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | North Carolina | 36 | 11 | 2.5 | 26.5 | 2.0 | 3.6 | 19.8 | 85.0 | 197.0 | 283.6 | (D) | EE | (D) |
| | Pennsylvania | 17 | 10 | 2.7 | 46.0 | 2.0 | 4.1 | 32.5 | 68.5 | 140.0 | 210.4 | 2.1 | 3.3 | 74.6 |
| | South Carolina | 18 | 11 | 2.4 | 30.1 | 2.0 | 3.9 | 21.5 | 80.5 | 158.1 | 235.0 | 4.8 | 4.4 | 97.0 |
| | Tennessee | 9 | 5 | 1.1 | 14.4 | .9 | 1.7 | 9.7 | 40.8 | 120.0 | 159.1 | (D) | 1.3 | 23.7 |
| | Virginia | 3 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| 228 | Yarn and thread mills | 714 | 531 | 108.6 | 1 277.8 | 97.7 | 183.3 | 1 054.7 | 2 318.2 | 4 674.0 | 7 036.4 | 231.1 | 140.5 | 2 254.5 |
| | Alabama | 38 | 34 | 6.8 | 84.0 | 6.1 | 11.9 | 75.1 | 142.8 | 282.8 | 434.3 | 23.8 | 8.6 | 146.7 |
| | California | 24 | 8 | 1.3 | 17.1 | 1.2 | 2.5 | 15.0 | 29.8 | 92.3 | 121.1 | 1.6 | 1.6 | 31.0 |
| | Connecticut | 15 | 11 | 1.7 | 22.5 | 1.5 | 2.7 | 15.5 | 42.1 | 26.0 | 69.1 | .7 | 2.4 | 41.6 |
| | Georgia | 94 | 78 | 17.1 | 205.0 | 15.3 | 28.3 | 166.4 | 373.1 | 866.7 | 1 241.5 | 30.2 | 25.1 | 406.8 |
| | Illinois | 5 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | AA | (D) |
| | Kentucky | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Maine | 11 | 11 | 1.4 | 12.4 | 1.2 | 2.3 | 9.9 | 18.4 | 26.2 | 44.3 | (D) | 1.2 | 23.0 |
| | Massachusetts | 29 | 23 | 1.7 | 20.2 | 1.4 | 2.5 | 14.1 | 37.1 | 35.5 | 73.6 | 1.9 | 2.2 | 35.0 |
| | New Jersey | 23 | 7 | .5 | 7.3 | .5 | .9 | 5.1 | 19.4 | 30.9 | 48.1 | .5 | .9 | 14.2 |
| | New York | 37 | 10 | .6 | 10.0 | .5 | 1.1 | 8.4 | 16.1 | 32.7 | 50.4 | .5 | EE | (D) |
| | North Carolina | 248 | 215 | 54.4 | 625.5 | 49.4 | 92.4 | 523.2 | 1 151.7 | 2 303.0 | 3 470.3 | 121.2 | 65.2 | 1 016.4 |
| | Pennsylvania | 49 | 34 | 3.0 | 32.7 | 2.7 | 5.0 | 25.8 | 54.8 | 71.1 | 127.4 | 2.4 | 5.1 | 60.1 |
| | Rhode Island | 20 | 11 | 1.0 | 12.7 | .9 | 1.7 | 9.1 | 23.4 | 40.8 | 72.8 | 1.0 | 1.5 | 31.2 |
| | South Carolina | 53 | 48 | 9.4 | 114.6 | 8.3 | 15.6 | 92.4 | 213.4 | 495.8 | 715.6 | 23.3 | 12.8 | 219.5 |
| | Tennessee | 17 | 14 | 3.8 | 46.2 | 3.5 | 6.4 | 39.2 | 73.8 | 166.7 | 241.5 | 6.7 | 4.8 | 90.0 |
| | Virginia | 14 | 11 | 3.3 | 35.5 | 2.9 | 5.8 | 30.0 | 59.9 | 109.9 | 169.9 | 6.0 | 3.7 | 50.3 |
| 229 | Miscellaneous textile goods | 1 120 | 496 | 55.8 | 832.9 | 44.0 | 84.5 | 564.6 | 2 004.5 | 2 929.7 | 4 935.4 | 178.3 | 67.9 | 1 641.1 |
| | Alabama | 21 | 11 | 2.3 | 30.2 | 1.9 | 3.3 | 22.3 | 151.0 | 187.0 | 337.7 | 3.0 | 3.2 | 89.8 |
| | Arkansas | 3 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | California | 95 | 32 | 2.1 | 33.5 | 1.6 | 3.2 | 21.4 | 69.0 | 97.4 | 167.6 | 5.9 | 2.3 | 54.3 |
| | Connecticut | 31 | 16 | 1.9 | 31.3 | 1.4 | 2.8 | 19.9 | 79.8 | 103.1 | 181.2 | 2.9 | 1.9 | 37.3 |
| | Georgia | 65 | 32 | 5.5 | 70.6 | 4.7 | 8.6 | 54.3 | 194.4 | 405.6 | 596.0 | 10.8 | 7.1 | 113.3 |
| | Illinois | 29 | 10 | .8 | 11.4 | .6 | 1.2 | 8.1 | 21.9 | 26.4 | 48.5 | .2 | 1.7 | 33.5 |
| | Kentucky | 9 | 7 | .9 | 13.2 | .7 | 1.4 | 9.5 | 21.1 | 44.1 | 68.7 | 1.2 | 2.0 | 45.4 |
| | Maine | 13 | 8 | 1.4 | 16.4 | 1.1 | 1.9 | 12.0 | 51.4 | 44.2 | 93.1 | .9 | 1.1 | 24.4 |
| | Massachusetts | 69 | 39 | 4.1 | 71.5 | 3.2 | 6.4 | 46.6 | 162.0 | 258.2 | 421.4 | 11.2 | 5.1 | 124.3 |
| | Michigan | 15 | 7 | 1.5 | 30.3 | 1.2 | 2.4 | 19.2 | 56.5 | 59.1 | 115.7 | 8.1 | 2.0 | 88.4 |
| | Mississippi | 13 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | New Hampshire | 11 | 7 | .7 | 10.5 | .5 | 1.0 | 7.5 | 21.3 | 30.3 | 51.4 | (D) | BB | (D) |
| | New Jersey | 100 | 40 | 2.9 | 45.5 | 2.2 | 4.4 | 31.1 | 92.9 | 124.5 | 216.4 | 5.0 | 4.3 | 93.6 |
| | New York | 151 | 57 | 4.5 | 69.4 | 3.4 | 6.7 | 42.8 | 149.3 | 170.5 | 321.9 | 6.7 | 5.0 | 119.0 |
| | North Carolina | 97 | 59 | 6.4 | 88.3 | 5.4 | 10.5 | 66.3 | 217.6 | 390.4 | 607.3 | 17.9 | 5.8 | 126.6 |
| | Ohio | 37 | 20 | 2.0 | 36.1 | 1.3 | 2.5 | 19.4 | 73.1 | 111.6 | 187.4 | 2.5 | 3.6 | 100.5 |
| | Pennsylvania | 59 | 22 | 3.2 | 41.0 | 2.6 | 4.6 | 28.5 | 93.1 | 112.2 | 205.7 | 6.7 | 3.6 | 77.6 |
| | Rhode Island | 48 | 24 | 1.9 | 25.8 | 1.6 | 3.1 | 17.8 | 52.9 | 57.7 | 111.2 | 3.0 | 2.2 | 40.8 |
| | South Carolina | 58 | 34 | 5.1 | 74.1 | 4.0 | 8.1 | 50.5 | 163.6 | 252.7 | 416.4 | 30.3 | 5.5 | 140.5 |
| | Tennessee | 22 | 13 | 1.4 | 19.9 | 1.2 | 2.3 | 14.8 | 36.3 | 93.5 | 130.0 | 3.9 | 2.1 | 37.5 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|-----------|---|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | |
| 22 | Textile mill products—Con. | | | | | | | | | | | | |
| 229 | Miscellaneous textile goods—Con. | | | | | | | | | | | | |
| | Texas | 33 | 5 | .6 | 7.1 | .5 | .9 | 5.3 | 15.9 | 15.0 | 31.1 | .9 | 1.3 |
| | Virginia | 10 | 5 | .6 | 7.5 | .5 | 1.0 | 5.6 | 19.5 | 46.8 | 67.4 | 5.4 | .6 |
| | Wisconsin | 14 | 8 | .9 | 19.7 | .7 | 1.4 | 13.3 | 61.1 | 57.3 | 117.9 | (D) | CC |
| 23 | Apparel and other textile products | 24 391 | 10 907 | 1 189.0 | 12 128.8 | 1 009.7 | 1 803.5 | 8 831.9 | 26 060.5 | 27 087.8 | 53 387.9 | 654.3 | 1 334.3 |
| | Alabama | 354 | 278 | 56.6 | 515.1 | 50.4 | 88.9 | 425.2 | 989.8 | 941.8 | 1 954.7 | 44.1 | 53.9 |
| | Arizona | 119 | 43 | 5.7 | 51.6 | 4.8 | 8.6 | 40.0 | 105.4 | 111.0 | 219.2 | 2.9 | 5.6 |
| | Arkansas | 101 | 71 | 10.4 | 89.6 | 9.1 | 15.6 | 71.1 | 206.7 | 145.2 | 351.9 | 3.0 | 15.3 |
| | California | 4 414 | 1 387 | 106.3 | 1 106.6 | 88.2 | 157.8 | 742.5 | 2 565.4 | 2 732.3 | 5 294.6 | 69.7 | 101.1 |
| | Colorado | 116 | 39 | 3.1 | 32.2 | 2.3 | 4.2 | 22.4 | 77.5 | 60.1 | 139.3 | .9 | 3.9 |
| | Connecticut | 231 | 125 | 9.1 | 97.5 | 7.7 | 13.4 | 67.7 | 218.0 | 236.0 | 456.3 | 8.8 | 11.7 |
| | Delaware | 33 | 20 | 1.8 | 17.9 | 1.7 | 2.9 | 15.0 | 30.9 | 43.8 | 75.6 | .5 | 1.0 |
| | Florida | 1 227 | 412 | 33.5 | 301.8 | 28.6 | 49.8 | 226.2 | 570.2 | 503.3 | 1 077.5 | 27.8 | 32.0 |
| | Georgia | 639 | 459 | 73.7 | 683.3 | 62.8 | 113.9 | 509.9 | 1 615.3 | 1 577.0 | 3 174.3 | 42.1 | 76.2 |
| | Hawaii | 145 | 52 | 3.4 | 31.1 | 2.8 | 5.1 | 22.9 | 56.5 | 47.6 | 106.6 | 3.0 | 3.8 |
| | Illinois | 458 | 180 | 18.1 | 227.6 | 14.1 | 25.4 | 143.4 | 453.7 | 483.3 | 944.2 | 11.3 | 24.7 |
| | Indiana | 158 | 60 | 7.9 | 90.8 | 6.4 | 11.3 | 56.9 | 200.3 | 231.9 | 429.4 | (D) | 12.6 |
| | Iowa | 74 | 34 | 3.6 | 36.0 | 3.3 | 5.4 | 28.6 | 72.1 | 55.7 | 128.3 | 2.4 | 4.4 |
| | Kansas | 66 | 31 | 3.5 | 41.3 | 2.5 | 5.1 | 23.4 | 318.5 | 345.5 | 651.6 | 3.2 | 5.7 |
| | Kentucky | 161 | 123 | 24.0 | 225.8 | 21.8 | 38.0 | 185.8 | 455.6 | 271.8 | 739.5 | 8.7 | 27.1 |
| | Louisiana | 117 | 62 | 8.9 | 82.1 | 7.7 | 13.3 | 60.4 | 156.7 | 134.6 | 292.8 | 5.0 | 11.1 |
| | Maine | 46 | 23 | 4.1 | 45.8 | 3.4 | 5.2 | 28.8 | 166.2 | 93.8 | 253.7 | 3.2 | 3.5 |
| | Maryland | 220 | 100 | 13.9 | 161.0 | 11.8 | 20.2 | 112.6 | 371.3 | 319.4 | 692.6 | 4.5 | 16.2 |
| | Massachusetts | 700 | 377 | 38.3 | 405.8 | 32.5 | 55.5 | 288.0 | 838.0 | 928.6 | 1 763.5 | 15.4 | 42.4 |
| | Michigan | 213 | 63 | 16.5 | 377.5 | 13.5 | 25.5 | 286.7 | 744.3 | 775.8 | 1 521.8 | 35.4 | 25.5 |
| | Minnesota | 159 | 49 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 5.7 |
| | Mississippi | 214 | 179 | 37.2 | 311.5 | 33.3 | 58.0 | 251.7 | 581.5 | 500.4 | 1 100.7 | 12.8 | 39.0 |
| | Missouri | 324 | 184 | 24.0 | 232.9 | 20.9 | 35.7 | 179.1 | 452.0 | 384.6 | 836.8 | 11.8 | 29.5 |
| | Nebraska | 51 | 14 | 1.9 | 17.6 | 1.6 | 2.8 | 14.4 | 49.5 | 42.8 | 91.9 | .5 | 2.0 |
| | New Hampshire | 62 | 35 | 3.4 | 37.5 | 2.7 | 5.0 | 25.4 | 64.8 | 40.6 | 105.4 | 1.6 | 2.5 |
| | New Jersey | 1 721 | 662 | 50.7 | 561.2 | 43.1 | 73.8 | 404.3 | 1 194.3 | 1 306.5 | 2 524.6 | 55.2 | 59.7 |
| | New Mexico | 29 | 8 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 3.0 |
| | New York | 6 515 | 2 473 | 171.5 | 1 986.5 | 137.7 | 270.3 | 1 299.9 | 4 750.3 | 6 914.7 | 11 707.2 | 78.7 | 214.4 |
| | North Carolina | 732 | 521 | 77.5 | 697.3 | 66.8 | 117.0 | 534.5 | 1 384.2 | 1 560.4 | 2 955.1 | 34.2 | 77.1 |
| | North Dakota | 13 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | Ohio | 312 | 115 | 14.9 | 195.5 | 11.5 | 20.6 | 126.0 | 467.0 | 531.6 | 1 001.5 | 5.4 | 19.8 |
| | Oklahoma | 137 | 74 | 9.1 | 83.9 | 8.1 | 14.5 | 68.1 | 175.6 | 163.5 | 346.3 | 3.5 | 11.3 |
| | Oregon | 123 | 29 | 3.0 | 28.9 | 2.4 | 4.1 | 20.8 | 64.0 | 76.3 | 140.5 | 1.8 | FF |
| | Pennsylvania | 1 725 | 1 180 | 116.1 | 1 101.1 | 103.4 | 179.5 | 866.9 | 2 064.4 | 1 471.7 | 3 552.0 | 36.3 | 132.6 |
| | Rhode Island | 78 | 35 | 3.3 | 38.6 | 2.8 | 5.0 | 27.7 | 66.2 | 94.1 | 162.2 | 2.8 | 3.1 |
| | South Carolina | 345 | 261 | 45.7 | 413.2 | 39.0 | 69.4 | 317.0 | 776.1 | 717.2 | 1 503.9 | (D) | 44.8 |
| | South Dakota | 26 | 10 | .9 | 7.6 | .7 | 1.1 | 5.0 | 13.6 | 22.1 | 35.6 | (D) | 1.0 |
| | Tennessee | 458 | 329 | 58.8 | 525.1 | 51.0 | 90.4 | 402.1 | 1 142.3 | 964.2 | 2 135.3 | 31.0 | 69.9 |
| | Texas | 866 | 404 | 66.7 | 667.6 | 56.3 | 98.4 | 476.1 | 1 436.8 | 1 314.9 | 2 800.5 | 21.9 | 73.4 |
| | Utah | 120 | 54 | 6.1 | 54.0 | 4.8 | 7.6 | 37.7 | 119.2 | 85.7 | 208.2 | 1.6 | 6.0 |
| | Vermont | 40 | 14 | 1.3 | 13.6 | 1.2 | 2.0 | 10.5 | 28.2 | 22.9 | 50.3 | (D) | 1.3 |
| | Virginia | 292 | 196 | 33.4 | 298.2 | 30.0 | 54.0 | 249.6 | 540.4 | 375.8 | 925.7 | 16.4 | 37.0 |
| | Washington | 198 | 49 | 4.7 | 52.4 | 3.9 | 7.2 | 37.6 | 94.2 | 94.2 | 189.4 | (D) | 6.6 |
| | West Virginia | 44 | 33 | 4.1 | 39.9 | 3.5 | 6.0 | 29.9 | 77.5 | 44.3 | 122.0 | 2.2 | 5.4 |
| | Wisconsin | 139 | 50 | 5.9 | 65.7 | 4.6 | 7.6 | 43.1 | 149.1 | 154.9 | 302.3 | 4.6 | 7.3 |
| 231 | Men's and boys' suits and coats | 529 | 344 | 75.2 | 878.2 | 65.0 | 116.9 | 658.9 | 1 683.0 | 1 397.5 | 3 061.5 | 24.6 | 98.7 |
| | Alabama | 6 | 6 | 1.5 | 11.8 | 1.4 | 2.4 | 10.3 | 23.5 | 8.0 | 31.3 | (D) | CC |
| | California | 40 | 23 | 2.6 | 30.6 | 2.3 | 4.9 | 21.3 | 53.0 | 28.3 | 82.2 | .5 | 2.2 |
| | Florida | 12 | 5 | .6 | 6.2 | .5 | 1.0 | 5.5 | 10.6 | 9.4 | 19.9 | (D) | 1.0 |
| | Georgia | 25 | 22 | 5.8 | 62.9 | 5.2 | 9.9 | 45.1 | 121.6 | 147.9 | 259.9 | (D) | 6.8 |
| | Illinois | 17 | 9 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF |
| | Indiana | 4 | 3 | .8 | 9.6 | .7 | 1.4 | 7.2 | 13.5 | 8.4 | 21.3 | .3 | EE |
| | Kentucky | 10 | 9 | 2.6 | 29.8 | 2.5 | 4.4 | 27.4 | 35.2 | 3.4 | 38.3 | (D) | 4.0 |
| | Louisiana | 4 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Maine | 3 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | Maryland | 22 | 15 | 3.1 | 41.3 | 2.4 | 4.2 | 28.3 | 83.6 | 99.9 | 190.2 | (D) | 4.0 |
| | Massachusetts | 36 | 25 | 6.3 | 75.2 | 5.5 | 9.8 | 55.4 | 189.0 | 196.0 | 363.6 | (D) | FF |
| | Mississippi | 5 | 5 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Missouri | 6 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | New Jersey | 29 | 19 | 3.1 | 37.0 | 2.9 | 5.0 | 27.9 | 57.5 | 24.1 | 83.0 | .5 | 4.8 |
| | New York | 134 | 57 | 9.3 | 118.6 | 8.0 | 14.5 | 89.2 | 211.5 | 163.4 | 375.7 | 2.8 | 15.4 |
| | North Carolina | 8 | 8 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Ohio | 8 | 7 | 2.9 | 35.4 | 2.3 | 3.9 | 26.0 | 119.2 | 133.3 | 247.5 | (D) | 4.2 |
| | Pennsylvania | 95 | 72 | 16.1 | 195.6 | 14.2 | 24.7 | 153.6 | 380.3 | 287.2 | 672.1 | 4.7 | 22.2 |
| | South Carolina | 3 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Tennessee | 18 | 15 | 4.1 | 41.9 | 3.7 | 6.4 | 35.6 | 65.0 | 30.2 | 95.5 | (D) | 5.3 |
| | Texas | 14 | 10 | 3.6 | 35.7 | 3.3 | 6.2 | 28.8 | 53.5 | 34.7 | 89.1 | (D) | .3 |
| | Virginia | 2 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| 232 | Men's and boys' furnishings | 2 544 | 1 815 | 298.9 | 2 836.6 | 258.8 | 449.9 | 2 137.5 | 6 621.2 | 5 997.8 | 12 727.1 | 157.4 | 364.5 |
| | Alabama | 130 | 120 | 28.1 | 254.1 | 25.7 | 45.9 | 216.2 | 401.2 | 388.3 | 811.0 | 25.0 | 28.9 |
| | Arizona | 17 | 14 | 2.6 | 22.0 | 2.3 | 4.1 | 17.6 | 40.4 | 45.1 | 89.3 | .2 | 2.4 |
| | Arkansas | 39 | 36 | 6.8 | 56.5 | 5.9 | 9.8 | 44.6 | 145.4 | 76.8 | 217.5 | 1.7 | 9.0 |
| | California | 255 | 120 | 10.3 | 107.1 | 8.4 | 14.5 | 74.4 | 254.3 | 241.0 | 502.8 | 5.0 | 14.0 |
| | Colorado | 20 | 14 | 1.2 | 13.3 | 1.0 | 1.9 | 10.7 | 32.1 | 20.0 | 52.3 | .3 | 1.3 |
| | Connecticut | 21 | 16 | 1.1 | 12.3 | .9 | 1.8 | 8.7 | 35.3 | 50.7 | 82.9 | (D) | 2.0 |
| | Delaware | 5 | 5 | .7 | 6.5 | .7 | 1.3 | 5.6 | 13.5 | 10.0 | 23.6 | (Z) | AA |
| | Florida | 90 | 54 | 4.9 | 43.3 | 4.2 | 7.0 | 32.9 | 87.3 | 66.9 | 155.4 | 15.7 | 5.1 |
| | Georgia | 179 | 162 | 32.9 | 295.0 | 28.6 | 51.1 | 224.5 | 720.7 | 568.0 | 1 280.8 | 14.3 | 32.8 |
| | Hawaii | 22 | 12 | .8 | 7.5 | .7 | 1.3 | 5.8 | 13.1 | 9.4 | 22.9 | .3 | .7 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|------------|--|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | |
| 23 | Apparel and other textile products—Con. | | | | | | | | | | | | |
| 232 | Men's and boys' furnishings—Con. | | | | | | | | | | | | |
| | Illinois | 29 | 15 | 1.6 | 17.5 | 1.3 | 2.4 | 13.7 | 33.8 | 38.5 | 72.7 | .9 | 2.3 |
| | Indiana | 25 | 17 | 3.2 | 39.2 | 2.5 | 4.4 | 21.8 | 90.0 | 119.6 | 206.4 | 1.7 | 4.7 |
| | Iowa | 15 | 11 | 1.1 | 9.9 | 1.0 | 1.6 | 8.9 | 22.8 | 16.5 | 41.9 | 1.4 | 1.6 |
| | Kansas | 16 | 14 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 3.2 |
| | Kentucky | 64 | 52 | 11.8 | 107.1 | 10.7 | 18.2 | 87.3 | 266.2 | 166.2 | 442.5 | 3.5 | 15.7 |
| | Louisiana | 26 | 24 | 4.8 | 44.9 | 4.1 | 7.0 | 32.1 | 83.3 | 63.1 | 149.2 | 1.3 | 7.2 |
| | Maine | 4 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Maryland | 32 | 22 | 2.5 | 25.9 | 2.3 | 4.2 | 19.7 | 51.1 | 36.8 | 87.8 | 1.2 | 3.2 |
| | Massachusetts | 50 | 26 | 2.8 | 29.0 | 2.3 | 3.9 | 20.7 | 61.2 | 58.0 | 120.1 | 1.0 | 3.2 |
| | Michigan | 15 | 7 | .6 | 7.2 | .5 | .8 | 5.2 | 9.3 | 15.7 | 26.0 | .3 | 1.2 |
| | Minnesota | 23 | 15 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.8 |
| | Mississippi | 95 | 92 | 19.8 | 165.3 | 17.7 | 29.9 | 134.0 | 296.8 | 259.1 | 571.0 | 6.6 | 25.1 |
| | Missouri | 65 | 54 | 10.2 | 88.6 | 9.2 | 16.0 | 73.3 | 175.8 | 130.4 | 305.0 | 3.7 | 10.8 |
| | New Hampshire | 12 | 10 | .7 | 5.9 | .6 | 1.0 | 4.6 | 9.9 | 7.7 | 17.8 | .2 | .6 |
| | New Jersey | 65 | 33 | 2.2 | 23.8 | 1.8 | 3.0 | 16.0 | 67.8 | 48.9 | 115.0 | .6 | 4.4 |
| | New Mexico | 8 | 5 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | New York | 383 | 174 | 13.8 | 166.3 | 10.9 | 19.7 | 101.9 | 490.1 | 667.0 | 1 161.2 | 11.4 | 22.0 |
| | North Carolina | 145 | 129 | 20.0 | 178.4 | 17.2 | 29.2 | 134.5 | 354.6 | 363.9 | 711.4 | 7.0 | 21.6 |
| | Ohio | 29 | 20 | 2.2 | 23.3 | 1.9 | 3.0 | 16.4 | 56.3 | 66.8 | 125.3 | .7 | 1.9 |
| | Oklahoma | 27 | 23 | 4.2 | 39.0 | 4.0 | 7.0 | 34.4 | 87.8 | 75.8 | 169.6 | 1.5 | 6.2 |
| | Oregon | 9 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .7 |
| | Pennsylvania | 173 | 126 | 16.6 | 159.7 | 15.0 | 24.9 | 128.5 | 330.5 | 202.0 | 535.1 | 5.2 | 21.9 |
| | South Carolina | 49 | 47 | 10.0 | 85.9 | 8.6 | 14.5 | 66.2 | 182.5 | 151.4 | 335.6 | (D) | 10.7 |
| | Tennessee | 163 | 144 | 30.7 | 284.5 | 26.1 | 46.1 | 211.6 | 743.3 | 636.0 | 1 405.8 | 18.4 | 41.3 |
| | Texas | 110 | 87 | 26.3 | 270.1 | 22.2 | 37.9 | 188.3 | 661.0 | 655.9 | 1 351.3 | 8.5 | 30.5 |
| | Utah | 17 | 12 | 1.2 | 8.5 | .9 | 1.7 | 5.9 | 28.4 | 16.3 | 44.2 | (D) | 1.6 |
| | Vermont | 8 | 5 | .6 | 6.6 | .5 | .9 | 5.0 | 16.3 | 12.9 | 28.6 | (D) | .5 |
| | Virginia | 50 | 45 | 11.0 | 98.3 | 10.1 | 18.4 | 84.4 | 188.7 | 147.5 | 346.0 | 5.8 | 12.0 |
| | Washington | 26 | 19 | 1.8 | 20.7 | 1.5 | 2.9 | 14.3 | 37.9 | 36.3 | 75.2 | .4 | 3.3 |
| | West Virginia | 5 | 5 | .8 | 8.7 | .7 | 1.2 | 6.5 | 18.1 | 10.8 | 29.2 | (D) | 1.5 |
| | Wisconsin | 16 | 13 | 1.7 | 20.1 | 1.3 | 2.2 | 13.0 | 48.5 | 57.5 | 103.5 | (D) | 2.4 |
| 233 | Women's and misses' outerwear | 10 838 | 5 103 | 418.9 | 4 110.4 | 355.8 | 640.5 | 2 928.2 | 8 576.1 | 9 575.3 | 18 224.5 | 213.1 | 447.5 |
| | Alabama | 89 | 74 | 9.2 | 76.6 | 8.1 | 13.7 | 63.9 | 121.5 | 61.9 | 182.3 | 3.0 | 7.7 |
| | Arizona | 20 | 9 | .7 | 6.7 | .6 | 1.0 | 5.4 | 16.2 | 18.3 | 34.6 | .2 | EE |
| | Arkansas | 26 | 17 | 1.6 | 15.6 | 1.4 | 2.5 | 12.9 | 22.9 | 27.6 | 52.9 | .2 | 3.5 |
| | California | 2 746 | 884 | 63.0 | 638.0 | 52.2 | 92.0 | 419.3 | 1 573.2 | 1 758.6 | 3 317.6 | 46.6 | 58.6 |
| | Connecticut | 98 | 64 | 4.3 | 44.4 | 3.7 | 6.2 | 31.7 | 82.3 | 102.4 | 190.9 | 2.0 | 5.3 |
| | Florida | 619 | 229 | 17.0 | 145.6 | 14.5 | 24.8 | 106.3 | 265.5 | 237.7 | 504.2 | 6.7 | 17.4 |
| | Georgia | 154 | 110 | 12.9 | 114.0 | 10.7 | 19.2 | 85.3 | 254.3 | 302.2 | 551.8 | 9.0 | 11.0 |
| | Hawaii | 78 | 28 | 1.7 | 15.7 | 1.4 | 2.4 | 10.9 | 26.3 | 18.0 | 44.6 | .3 | 2.5 |
| | Illinois | 119 | 64 | 5.3 | 55.6 | 4.4 | 7.4 | 39.2 | 113.7 | 77.4 | 194.2 | 2.0 | 7.6 |
| | Indiana | 14 | 8 | .8 | 6.9 | .6 | 1.1 | 4.2 | 19.1 | 19.3 | 38.7 | .2 | 1.5 |
| | Kentucky | 41 | 36 | 6.2 | 52.6 | 5.6 | 9.7 | 43.5 | 75.0 | 29.3 | 106.3 | 3.1 | 3.6 |
| | Louisiana | 20 | 11 | .9 | 7.9 | .8 | 1.3 | 6.5 | 16.8 | 9.2 | 26.3 | .5 | .7 |
| | Maryland | 48 | 32 | 3.5 | 38.1 | 3.1 | 5.0 | 25.1 | 71.7 | 65.9 | 139.4 | .9 | 3.7 |
| | Massachusetts | 296 | 190 | 15.9 | 164.2 | 13.5 | 22.2 | 115.4 | 318.1 | 406.2 | 734.8 | 5.5 | 17.2 |
| | Minnesota | 27 | 11 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.2 |
| | Mississippi | 43 | 29 | 5.8 | 50.1 | 5.4 | 9.5 | 41.5 | 99.2 | 54.5 | 154.8 | 1.9 | 3.9 |
| | Missouri | 69 | 37 | 4.0 | 43.3 | 3.3 | 5.5 | 30.0 | 76.9 | 55.5 | 134.0 | 1.1 | FF |
| | Nebraska | 6 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | New Hampshire | 20 | 12 | 1.4 | 17.3 | 1.2 | 2.2 | 11.6 | 29.0 | 20.4 | 48.6 | 1.0 | .9 |
| | New Jersey | 732 | 362 | 23.5 | 237.0 | 20.2 | 33.6 | 172.3 | 512.0 | 615.3 | 1 142.4 | 39.1 | 28.1 |
| | New York | 3 503 | 1 448 | 87.0 | 1 024.5 | 70.1 | 144.9 | 657.3 | 2 482.3 | 3 890.5 | 6 394.4 | 40.2 | 108.3 |
| | North Carolina | 201 | 143 | 19.4 | 162.2 | 16.8 | 29.2 | 126.2 | 298.0 | 282.2 | 588.7 | 6.8 | 17.4 |
| | Ohio | 45 | 21 | 2.7 | 38.8 | 1.9 | 4.0 | 17.0 | 76.4 | 107.7 | 186.6 | .9 | 3.9 |
| | Oklahoma | 28 | 18 | 1.3 | 10.1 | 1.2 | 2.3 | 8.3 | 19.2 | 12.4 | 31.9 | .6 | 1.4 |
| | Oregon | 18 | 7 | 1.0 | 8.6 | .8 | 1.3 | 6.7 | 20.5 | 22.7 | 43.1 | (D) | .3 |
| | Pennsylvania | 896 | 688 | 54.4 | 464.0 | 49.0 | 84.8 | 373.6 | 818.2 | 552.8 | 1 374.6 | 16.3 | 58.9 |
| | Rhode Island | 15 | 12 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .9 |
| | South Carolina | 138 | 112 | 15.2 | 125.6 | 13.2 | 23.4 | 97.0 | 186.5 | 128.3 | 315.6 | (D) | 15.0 |
| | Tennessee | 143 | 107 | 15.9 | 128.8 | 14.3 | 26.3 | 104.4 | 200.6 | 124.5 | 326.9 | 5.7 | 12.7 |
| | Texas | 293 | 156 | 20.8 | 202.0 | 17.5 | 30.3 | 145.7 | 384.9 | 304.2 | 698.7 | 5.8 | 20.5 |
| | Utah | 39 | 24 | 2.6 | 23.8 | 2.1 | 3.3 | 16.6 | 47.6 | 30.5 | 79.0 | .5 | EE |
| | Vermont | 8 | 7 | .6 | 5.3 | .5 | .8 | 4.1 | 8.8 | 6.3 | 15.0 | (D) | .5 |
| | Virginia | 98 | 74 | 10.9 | 94.9 | 9.7 | 17.4 | 79.2 | 147.5 | 72.9 | 218.8 | 5.3 | 12.6 |
| | Washington | 38 | 12 | 1.3 | 13.3 | 1.2 | 2.1 | 10.1 | 23.2 | 18.1 | 41.3 | .3 | 1.3 |
| | West Virginia | 23 | 21 | 2.2 | 20.1 | 2.0 | 3.4 | 15.3 | 37.6 | 14.3 | 52.1 | (D) | 2.3 |
| | Wisconsin | 18 | 11 | 2.1 | 21.2 | 1.4 | 2.3 | 12.5 | 52.9 | 60.2 | 114.1 | 1.4 | 1.7 |
| 234 | Women's and children's undergarments | 755 | 519 | 81.6 | 783.1 | 68.7 | 123.6 | 567.4 | 1 721.5 | 1 581.9 | 3 322.7 | 37.8 | 91.8 |
| | Alabama | 20 | 20 | 8.1 | 76.4 | 6.7 | 12.4 | 60.5 | 163.3 | 156.8 | 320.6 | (D) | 8.6 |
| | Arizona | 4 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.1 |
| | California | 54 | 35 | 5.0 | 53.9 | 4.1 | 7.7 | 34.2 | 117.2 | 85.9 | 204.2 | 2.2 | 4.2 |
| | Connecticut | 15 | 12 | .8 | 8.6 | .6 | 1.1 | 5.2 | 15.5 | 15.1 | 31.1 | .2 | 1.1 |
| | Florida | 23 | 16 | 2.3 | 18.6 | 2.1 | 3.6 | 16.3 | 28.7 | 10.4 | 39.2 | .3 | 2.0 |
| | Georgia | 32 | 30 | 6.6 | 58.6 | 5.3 | 9.9 | 42.8 | 175.4 | 139.3 | 316.0 | 4.4 | 9.0 |
| | Illinois | 7 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.4 |
| | Kentucky | 3 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | Massachusetts | 15 | 10 | 1.9 | 16.5 | 1.6 | 3.1 | 11.7 | 31.5 | 25.9 | 57.6 | .4 | 2.4 |
| | Michigan | 4 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|---|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | |
| 23 | Apparel and other textile products—Con. | | | | | | | | | | | | |
| 234 | Women's and children's undergarments—Con. | | | | | | | | | | | | |
| | Mississippi | 17 | 17 | 4.5 | 32.4 | 4.0 | 7.6 | 28.1 | 53.3 | 34.7 | 87.7 | .8 | 3.7 |
| | Missouri | 9 | 9 | 1.8 | 18.4 | 1.5 | 2.5 | 13.5 | 44.7 | 26.2 | 71.3 | (D) | 2.0 |
| | New Jersey | 51 | 30 | 3.9 | 43.0 | 2.9 | 5.0 | 25.6 | 102.6 | 127.2 | 235.9 | 3.5 | 3.5 |
| | New York | 247 | 116 | 9.8 | 113.0 | 7.9 | 13.6 | 66.9 | 306.0 | 417.2 | 729.3 | 3.7 | 12.6 |
| | North Carolina | 64 | 56 | 9.9 | 89.6 | 8.5 | 15.5 | 70.1 | 196.0 | 174.5 | 369.4 | 3.2 | 11.6 |
| | Oklahoma | 5 | 5 | 1.2 | 11.0 | 1.0 | 1.8 | 8.2 | 19.6 | 12.2 | 32.5 | .6 | 1.1 |
| | Pennsylvania | 81 | 70 | 9.0 | 84.2 | 8.1 | 14.5 | 67.0 | 149.5 | 110.2 | 262.4 | 2.1 | 9.6 |
| | South Carolina | 16 | 13 | 2.5 | 23.7 | 2.1 | 3.9 | 17.5 | 50.4 | 41.3 | 89.2 | (D) | 2.5 |
| | Tennessee | 10 | 9 | 1.5 | 13.7 | 1.4 | 2.3 | 9.6 | 28.2 | 15.4 | 43.7 | (D) | 2.0 |
| | Texas | 22 | 16 | 3.3 | 30.8 | 2.9 | 5.1 | 23.2 | 73.4 | 43.8 | 120.4 | .7 | 5.0 |
| | Utah | 6 | 4 | 1.0 | 7.7 | .7 | .8 | 5.6 | 11.4 | 8.6 | 21.6 | (D) | EE |
| | Virginia | 9 | 9 | 1.5 | 13.2 | 1.3 | 2.6 | 10.5 | 18.2 | 13.2 | 31.6 | (D) | 2.3 |
| 235 | Hats, caps, and millinery | 419 | 172 | 15.7 | 156.8 | 13.9 | 24.4 | 117.6 | 285.3 | 235.9 | 522.3 | 8.1 | 15.1 |
| | California | 29 | 8 | .7 | 7.2 | .6 | 1.2 | 5.0 | 14.3 | 10.3 | 24.5 | (D) | .6 |
| | Iowa | 3 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Kentucky | 7 | 6 | .5 | 6.8 | .4 | .6 | 3.6 | 17.1 | 8.1 | 25.5 | (D) | .4 |
| | Missouri | 39 | 30 | 2.7 | 23.0 | 2.5 | 3.9 | 18.7 | 43.1 | 30.6 | 71.6 | (D) | 3.4 |
| | New Jersey | 16 | 7 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .5 |
| | New York | 156 | 51 | 3.5 | 33.6 | 3.2 | 5.8 | 27.1 | 62.4 | 61.4 | 124.5 | 1.1 | 3.3 |
| | Pennsylvania | 27 | 11 | 1.0 | 13.0 | .9 | 1.7 | 9.4 | 17.1 | 21.7 | 40.2 | (D) | 1.5 |
| | Texas | 25 | 14 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.7 |
| | Virginia | 6 | 4 | 1.0 | 9.2 | .9 | 1.7 | 7.5 | 18.9 | 10.9 | 30.3 | (D) | CC |
| 236 | Children's outerwear | 968 | 657 | 71.3 | 671.2 | 61.0 | 109.0 | 492.4 | 1 445.8 | 1 257.4 | 2 711.4 | 30.1 | 71.2 |
| | Alabama | 19 | 18 | 3.7 | 35.8 | 3.1 | 5.2 | 26.1 | 88.0 | 44.4 | 132.1 | (D) | FF |
| | Arkansas | 5 | 4 | .5 | 3.7 | .4 | .7 | 2.8 | 4.8 | 2.2 | 7.0 | (D) | AA |
| | California | 90 | 38 | 2.8 | 29.1 | 2.3 | 4.2 | 18.5 | 67.1 | 76.1 | 143.9 | 1.6 | 2.7 |
| | Florida | 46 | 28 | 2.1 | 22.1 | 1.8 | 3.2 | 16.3 | 42.0 | 39.7 | 82.6 | (D) | 1.8 |
| | Georgia | 41 | 37 | 4.8 | 44.0 | 4.3 | 7.6 | 35.1 | 86.6 | 38.9 | 123.0 | 2.0 | 2.9 |
| | Kentucky | 3 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Louisiana | 8 | 6 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | Maine | 4 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Massachusetts | 22 | 12 | 1.2 | 13.1 | 1.0 | 1.8 | 8.9 | 22.6 | 20.7 | 43.7 | .3 | 1.3 |
| | Mississippi | 11 | 9 | 1.6 | 13.2 | 1.2 | 2.2 | 8.8 | 27.9 | 39.4 | 67.1 | (D) | EE |
| | Missouri | 10 | 7 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.2 |
| | New Jersey | 81 | 46 | 3.5 | 30.7 | 2.9 | 4.7 | 21.6 | 60.0 | 56.8 | 118.5 | .8 | 4.6 |
| | New York | 233 | 131 | 9.0 | 101.0 | 6.9 | 13.3 | 59.8 | 261.8 | 420.4 | 688.9 | 2.7 | 10.9 |
| | North Carolina | 75 | 66 | 7.5 | 60.8 | 6.8 | 12.0 | 50.6 | 106.1 | 63.7 | 168.1 | 2.0 | 7.2 |
| | Oklahoma | 9 | 8 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .6 |
| | Pennsylvania | 118 | 98 | 8.8 | 76.8 | 7.8 | 14.1 | 58.9 | 153.5 | 80.3 | 232.0 | 1.9 | 8.5 |
| | Rhode Island | 4 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | South Carolina | 32 | 27 | 6.6 | 59.4 | 5.7 | 10.4 | 44.4 | 123.0 | 120.6 | 246.5 | (D) | 7.3 |
| | Tennessee | 13 | 12 | 2.1 | 17.1 | 1.9 | 3.1 | 12.4 | 34.4 | 19.7 | 54.4 | .9 | FF |
| | Texas | 33 | 24 | 2.9 | 26.6 | 2.4 | 4.2 | 19.5 | 68.2 | 35.5 | 102.5 | (D) | 3.4 |
| | Utah | 3 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | Virginia | 38 | 34 | 5.2 | 44.3 | 4.9 | 8.3 | 39.4 | 87.4 | 52.0 | 142.2 | 1.6 | 4.5 |
| 237 | Fur goods | 504 | 43 | 3.4 | 59.6 | 2.5 | 4.5 | 41.2 | 131.6 | 287.2 | 419.3 | .3 | 4.0 |
| | New York | 439 | 40 | 3.0 | 53.9 | 2.2 | 3.9 | 37.4 | 119.5 | 265.5 | 385.5 | .2 | 3.4 |
| 238 | Miscellaneous apparel and accessories | 1 223 | 527 | 50.0 | 512.5 | 42.1 | 74.1 | 357.9 | 1 097.5 | 1 009.4 | 2 118.2 | 24.7 | 56.3 |
| | Alabama | 14 | 9 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.8 |
| | Arkansas | 7 | 5 | .7 | 5.6 | .6 | 1.2 | 4.4 | 10.8 | 8.8 | 21.8 | .2 | 1.0 |
| | California | 192 | 47 | 3.7 | 41.1 | 3.0 | 5.4 | 27.9 | 84.7 | 74.8 | 161.8 | .7 | 2.8 |
| | Connecticut | 15 | 9 | 1.2 | 12.9 | 1.0 | 1.8 | 8.6 | 42.5 | 22.8 | 64.8 | (D) | 1.0 |
| | Florida | 41 | 13 | 1.2 | 10.5 | 1.0 | 1.8 | 7.6 | 19.0 | 17.8 | 37.1 | 1.0 | 1.0 |
| | Georgia | 30 | 18 | 1.4 | 11.8 | 1.2 | 2.1 | 8.7 | 20.4 | 16.3 | 37.3 | .3 | 2.2 |
| | Illinois | 32 | 10 | 1.4 | 17.4 | .9 | 1.7 | 8.9 | 33.0 | 22.2 | 57.9 | (D) | 2.4 |
| | Maryland | 13 | 11 | 2.6 | 28.3 | 2.2 | 3.5 | 21.4 | 112.7 | 74.7 | 181.0 | .5 | 3.3 |
| | Massachusetts | 44 | 24 | 2.8 | 28.9 | 2.5 | 4.4 | 22.0 | 54.2 | 40.4 | 95.7 | .9 | 2.3 |
| | Michigan | 12 | 6 | .8 | 9.3 | .7 | 1.3 | 7.3 | 19.5 | 18.5 | 37.5 | (D) | .9 |
| | Mississippi | 16 | 12 | 2.0 | 15.4 | 1.8 | 3.0 | 13.4 | 36.5 | 25.1 | 62.2 | (D) | 2.0 |
| | Missouri | 12 | 9 | .7 | 6.6 | .6 | .9 | 4.8 | 10.0 | 7.9 | 18.7 | .4 | 1.3 |
| | New Jersey | 65 | 32 | 2.4 | 26.8 | 2.2 | 3.7 | 20.4 | 55.8 | 49.3 | 105.3 | 1.5 | 3.3 |
| | New York | 394 | 154 | 10.7 | 128.2 | 8.9 | 16.5 | 82.0 | 280.6 | 343.0 | 625.3 | 3.5 | 12.8 |
| | North Carolina | 32 | 22 | 3.5 | 26.9 | 3.1 | 5.1 | 20.0 | 42.4 | 55.4 | 98.8 | (D) | FF |
| | Ohio | 26 | 15 | 1.1 | 11.1 | .9 | 1.3 | 7.0 | 21.6 | 13.7 | 37.9 | .2 | 2.1 |
| | Oklahoma | 7 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .5 |
| | Pennsylvania | 55 | 27 | 2.7 | 25.7 | 2.3 | 4.3 | 19.3 | 54.5 | 54.8 | 110.5 | .9 | 2.6 |
| | South Carolina | 15 | 10 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.0 |
| | Tennessee | 16 | 10 | 1.3 | 10.6 | 1.1 | 1.7 | 8.3 | 14.5 | 9.8 | 23.8 | (D) | 1.2 |
| | Texas | 51 | 20 | 1.6 | 16.8 | 1.1 | 2.0 | 8.5 | 33.8 | 25.0 | 59.6 | .5 | EE |
| | Virginia | 11 | 9 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .7 |
| | Wisconsin | 13 | 7 | .5 | 6.0 | .4 | .7 | 3.9 | 11.2 | 8.7 | 19.7 | .3 | .4 |
| 239 | Miscellaneous fabricated textile products | 6 611 | 1 727 | 173.8 | 2 120.3 | 141.8 | 260.5 | 1 530.8 | 4 498.4 | 5 745.3 | 10 280.8 | 157.9 | 185.2 |
| | Alabama | 74 | 29 | 4.4 | 46.1 | 3.8 | 6.7 | 36.8 | 165.9 | 267.7 | 435.9 | 4.1 | 3.0 |
| | Arizona | 72 | 12 | 1.1 | 11.2 | .9 | 1.7 | 8.3 | 31.6 | 25.4 | 55.3 | 2.3 | .7 |
| | Arkansas | 19 | 6 | .5 | 5.9 | .4 | .9 | 4.4 | 19.0 | 28.4 | 47.3 | (D) | BB |
| | California | 992 | 231 | 18.1 | 198.5 | 15.2 | 27.8 | 141.2 | 398.9 | 452.3 | 850.0 | 12.7 | 16.0 |
| | Colorado | 69 | 10 | 1.1 | 11.2 | .6 | 1.1 | 6.3 | 34.8 | 30.0 | 66.0 | .5 | 1.3 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|---|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | |
| 23 | Apparel and other textile products—Con. | | | | | | | | | | | | |
| 239 | Miscellaneous fabricated textile products—Con. | | | | | | | | | | | | |
| | Connecticut | 67 | 19 | 1.5 | 16.2 | 1.2 | 2.1 | 11.3 | 37.3 | 40.9 | 77.3 | 2.1 | 1.6 |
| | Florida | 372 | 60 | 5.1 | 51.9 | 4.2 | 7.8 | 38.7 | 109.6 | 115.2 | 225.3 | 2.7 | 3.4 |
| | Georgia | 168 | 76 | 9.0 | 94.9 | 7.3 | 13.7 | 66.5 | 232.8 | 360.0 | 597.6 | 8.4 | 11.3 |
| | Hawaii | 26 | 7 | 6 | 5.5 | 4 | 8 | 4.1 | 15.2 | 15.7 | 30.5 | (D) | .3 |
| | Illinois | 229 | 70 | 5.0 | 67.1 | 4.1 | 7.7 | 42.8 | 135.7 | 215.8 | 355.5 | 5.5 | 6.5 |
| | Indiana | 102 | 27 | 2.6 | 30.2 | 2.0 | 3.5 | 20.0 | 69.1 | 79.6 | 149.3 | (D) | 4.0 |
| | Iowa | 41 | 10 | 7 | 7.4 | 5 | 9 | 4.4 | 13.8 | 15.5 | 27.5 | (D) | .9 |
| | Kansas | 36 | 8 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.0 |
| | Kentucky | 29 | 11 | 1.3 | 14.3 | 1.2 | 2.2 | 11.6 | 38.5 | 49.0 | 85.8 | .5 | 1.9 |
| | Louisiana | 46 | 13 | .8 | 9.5 | .7 | 1.3 | 7.2 | 15.3 | 27.7 | 43.0 | .6 | .9 |
| | Maryland | 91 | 15 | 1.7 | 22.3 | 1.3 | 2.3 | 13.9 | 41.0 | 35.3 | 76.1 | 1.2 | 1.5 |
| | Massachusetts | 225 | 86 | 7.0 | 76.0 | 5.8 | 9.8 | 51.6 | 159.9 | 177.7 | 338.8 | 5.1 | 7.7 |
| | Michigan | 156 | 39 | 13.3 | 339.2 | 11.0 | 21.2 | 263.8 | 676.6 | 676.0 | 1 355.0 | 32.7 | 21.5 |
| | Minnesota | 82 | 10 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.2 |
| | Mississippi | 25 | 14 | 2.3 | 21.4 | 1.9 | 3.5 | 14.8 | 50.6 | 80.0 | 131.2 | 2.0 | 1.4 |
| | Missouri | 114 | 34 | 3.0 | 34.8 | 2.4 | 4.2 | 23.3 | 74.1 | 121.2 | 196.9 | 2.9 | 3.0 |
| | New Jersey | 676 | 132 | 11.5 | 156.1 | 9.7 | 17.9 | 115.7 | 324.9 | 367.7 | 693.6 | 9.0 | 10.6 |
| | New York | 1 026 | 302 | 25.4 | 257.3 | 19.5 | 38.0 | 178.2 | 536.2 | 686.3 | 1 222.4 | 13.1 | 25.8 |
| | North Carolina | 205 | 96 | 15.2 | 162.0 | 12.6 | 22.9 | 119.6 | 359.1 | 605.3 | 971.7 | 12.0 | 14.4 |
| | North Dakota | 12 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | Ohio | 196 | 46 | 5.3 | 80.3 | 4.2 | 7.6 | 56.1 | 176.6 | 193.8 | 371.7 | 3.1 | 7.2 |
| | Oklahoma | 58 | 13 | 1.1 | 10.6 | .9 | 1.6 | 8.5 | 21.7 | 43.2 | 65.7 | .5 | 1.3 |
| | Oregon | 82 | 14 | 1.1 | 11.9 | .9 | 1.6 | 8.8 | 24.0 | 34.9 | 59.3 | (D) | 1.0 |
| | Pennsylvania | 272 | 88 | 7.4 | 81.5 | 6.0 | 10.5 | 56.2 | 159.1 | 160.3 | 320.9 | 4.3 | 7.4 |
| | Rhode Island | 43 | 9 | .7 | 9.6 | .6 | 1.0 | 6.2 | 19.5 | 19.3 | 38.9 | (D) | .6 |
| | South Carolina | 91 | 49 | 8.4 | 91.8 | 7.0 | 12.3 | 70.5 | 170.9 | 231.1 | 408.8 | (D) | 6.3 |
| | Tennessee | 87 | 27 | 2.6 | 25.4 | 2.2 | 4.0 | 17.9 | 52.1 | 124.1 | 176.1 | (D) | 4.6 |
| | Texas | 316 | 77 | 6.3 | 65.1 | 5.3 | 10.1 | 48.6 | 132.7 | 188.7 | 322.5 | 3.2 | 7.4 |
| | Utah | 49 | 11 | .9 | 9.2 | .7 | 1.2 | 6.6 | 23.3 | 25.1 | 49.3 | .6 | CC |
| | Virginia | 78 | 19 | 2.0 | 21.1 | 1.6 | 3.0 | 14.9 | 43.2 | 69.5 | 111.7 | 1.1 | 2.3 |
| | Washington | 115 | 13 | 1.3 | 14.8 | 1.0 | 1.8 | 10.8 | 26.5 | 35.7 | 62.3 | .8 | 1.3 |
| | Wisconsin | 79 | 13 | 1.1 | 11.6 | .9 | 1.5 | 8.6 | 23.5 | 21.4 | 44.7 | 1.0 | 1.6 |
| 24 | Lumber and wood products | 32 984 | 6 313 | 576.4 | 8 444.5 | 479.3 | 893.9 | 6 446.1 | 15 376.6 | 27 125.5 | 42 934.9 | 1 342.4 | 692.4 |
| | Alabama | 1 608 | 256 | 22.6 | 276.4 | 19.0 | 35.8 | 208.1 | 533.5 | 1 040.8 | 1 575.1 | 53.7 | 23.8 |
| | Alaska | 85 | 31 | 2.2 | 53.7 | 1.9 | 3.8 | 43.5 | 94.3 | 142.5 | 250.1 | 8.1 | 2.4 |
| | Arizona | 240 | 54 | 4.5 | 67.2 | 3.6 | 6.9 | 47.8 | 122.6 | 190.2 | 316.2 | 28.7 | 5.5 |
| | Arkansas | 900 | 166 | 16.9 | 212.9 | 14.7 | 27.6 | 169.1 | 400.1 | 843.8 | 1 248.8 | 36.1 | 19.0 |
| | California | 2 582 | 576 | 48.4 | 814.0 | 39.2 | 74.1 | 622.6 | 1 445.0 | 2 190.9 | 3 704.2 | 102.2 | 67.1 |
| | Colorado | 299 | 52 | 3.8 | 53.3 | 3.1 | 5.8 | 39.2 | 99.7 | 135.6 | 236.4 | 5.0 | 4.9 |
| | Connecticut | 205 | 27 | 2.4 | 32.8 | 1.9 | 3.9 | 25.2 | 51.9 | 67.2 | 118.4 | 8.6 | 2.1 |
| | Delaware | 43 | 6 | .5 | 6.9 | .5 | .9 | 5.5 | 21.4 | 23.7 | 45.3 | .4 | .5 |
| | Florida | 1 311 | 221 | 19.0 | 245.3 | 15.5 | 28.6 | 176.5 | 434.8 | 859.3 | 1 298.7 | 28.1 | 16.5 |
| | Georgia | 1 707 | 250 | 26.3 | 321.4 | 22.1 | 42.2 | 246.1 | 680.8 | 1 281.5 | 1 969.1 | 68.3 | 24.3 |
| | Idaho | 511 | 123 | 10.9 | 188.6 | 9.4 | 16.8 | 155.3 | 252.8 | 574.1 | 897.8 | 21.2 | 16.4 |
| | Illinois | 556 | 114 | 9.5 | 134.6 | 7.2 | 13.4 | 88.4 | 260.8 | 280.8 | 542.7 | 14.7 | 13.9 |
| | Indiana | 650 | 176 | 15.3 | 212.7 | 12.3 | 21.9 | 146.6 | 394.9 | 605.8 | 1 008.7 | 21.2 | 20.6 |
| | Iowa | 183 | 34 | 4.1 | 58.1 | 3.2 | 5.1 | 41.4 | 133.2 | 140.2 | 275.3 | 13.6 | 5.2 |
| | Kansas | 139 | 37 | 3.2 | 45.3 | 2.6 | 5.2 | 33.4 | 93.9 | 160.1 | 253.6 | 1.8 | 3.7 |
| | Kentucky | 499 | 95 | 7.5 | 88.9 | 6.2 | 11.1 | 67.5 | 163.5 | 228.2 | 396.2 | 9.8 | 8.3 |
| | Louisiana | 766 | 111 | 10.8 | 141.9 | 9.1 | 17.6 | 112.2 | 268.3 | 561.5 | 832.7 | 24.9 | 14.4 |
| | Maine | 700 | 127 | 12.3 | 170.1 | 10.3 | 19.5 | 129.8 | 319.7 | 559.5 | 883.4 | 30.8 | 12.7 |
| | Maryland | 268 | 52 | 3.4 | 45.4 | 2.8 | 5.3 | 34.0 | 87.7 | 131.4 | 220.8 | 8.6 | 4.2 |
| | Massachusetts | 421 | 73 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 6.0 |
| | Michigan | 990 | 122 | 10.7 | 148.7 | 8.7 | 15.7 | 106.8 | 291.2 | 380.8 | 678.7 | 99.4 | 15.0 |
| | Minnesota | 536 | 85 | 10.2 | 180.6 | 7.9 | 14.5 | 127.2 | 382.0 | 494.6 | 882.1 | 20.9 | 12.8 |
| | Mississippi | 929 | 189 | 19.3 | 245.1 | 16.4 | 31.0 | 187.8 | 495.0 | 874.8 | 1 374.4 | (D) | 22.3 |
| | Missouri | 649 | 120 | 8.1 | 89.5 | 6.8 | 11.8 | 67.0 | 153.1 | 223.9 | 377.7 | 12.6 | 8.9 |
| | Montana | 378 | 54 | 6.9 | 130.6 | 5.9 | 10.8 | 107.8 | 163.3 | 420.4 | 590.4 | 11.1 | 9.8 |
| | Nebraska | 82 | 15 | 1.7 | 26.1 | 1.3 | 2.7 | 17.5 | 50.2 | 76.2 | 126.1 | 1.4 | 2.4 |
| | Nevada | 49 | 6 | .5 | 6.4 | .4 | .8 | 4.9 | 10.6 | 15.4 | 26.0 | .7 | .6 |
| | New Hampshire | 344 | 62 | 4.8 | 61.6 | 4.1 | 7.8 | 46.7 | 122.3 | 175.9 | 298.3 | 11.8 | 4.4 |
| | New Jersey | 344 | 52 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 5.6 |
| | New Mexico | 126 | 29 | 2.6 | 32.3 | 2.2 | 4.0 | 25.0 | 58.6 | 103.0 | 165.9 | 2.6 | 3.0 |
| | New York | 1 124 | 191 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 14.8 |
| | North Carolina | 1 844 | 383 | 32.0 | 382.0 | 27.0 | 50.2 | 285.8 | 738.5 | 1 301.4 | 2 040.5 | 58.0 | 32.6 |
| | Ohio | 753 | 160 | 11.7 | 162.3 | 9.4 | 17.9 | 115.6 | 336.2 | 439.6 | 776.2 | 17.3 | 13.7 |
| | Oklahoma | 193 | 47 | 3.6 | 51.1 | 2.9 | 5.4 | 37.6 | 98.8 | 234.4 | 334.3 | 8.1 | 3.8 |
| | Oregon | 1 911 | 463 | 52.6 | 1 052.8 | 45.8 | 84.7 | 879.2 | 1 641.4 | 3 770.6 | 5 510.4 | 142.1 | 75.3 |
| | Pennsylvania | 1 208 | 215 | 17.0 | 235.1 | 13.6 | 25.8 | 169.3 | 483.1 | 640.0 | 1 131.4 | 22.8 | 20.4 |
| | Rhode Island | 58 | 11 | 1.2 | 16.9 | 1.1 | 1.9 | 13.3 | 33.8 | 40.1 | 73.1 | 2.3 | .5 |
| | South Carolina | 972 | 139 | 13.0 | 160.6 | 10.8 | 20.2 | 120.8 | 311.1 | 748.4 | 1 060.8 | (D) | 13.7 |
| | South Dakota | 70 | 20 | 1.6 | 18.1 | 1.3 | 2.4 | 13.0 | 37.1 | 55.7 | 92.2 | 9.6 | 2.0 |
| | Tennessee | 836 | 163 | 14.1 | 155.2 | 12.1 | 22.1 | 119.7 | 266.0 | 428.2 | 699.7 | 19.2 | 16.7 |
| | Texas | 1 232 | 308 | 33.4 | 460.5 | 28.0 | 54.7 | 343.3 | 904.7 | 1 659.9 | 2 572.9 | 63.7 | 33.1 |
| | Utah | 137 | 31 | 2.5 | 35.2 | 2.0 | 3.8 | 23.8 | 51.5 | 69.1 | 123.7 | 4.1 | 3.0 |
| | Vermont | 249 | 43 | 3.0 | 37.2 | 2.5 | 4.7 | 27.9 | 67.5 | 106.1 | 172.6 | (D) | 3.5 |
| | Virginia | 1 187 | 236 | 19.6 | 234.3 | 16.1 | 29.2 | 168.4 | 446.3 | 785.5 | 1 230.4 | 30.8 | 21.9 |
| | Washington | 1 638 | 326 | 34.7 | 698.8 | 29.8 | 54.2 | 570.6 | 1 110.5 | 2 512.1 | 3 689.6 | 109.0 | 51.7 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|---|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | |
| 24 | Lumber and wood products—Con. | | | | | | | | | | | | |
| | West Virginia | 375 | 58 | 4.2 | 45.0 | 3.7 | 6.6 | 36.8 | 91.1 | 122.6 | 212.0 | 5.9 | 88.0 |
| | Wisconsin | 921 | 175 | 18.0 | 254.0 | 14.6 | 26.8 | 186.5 | 489.6 | 613.5 | 1 114.5 | 43.5 | 498.3 |
| | Wyoming | 99 | 21 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 36.6 |
| 241 | Logging camps and logging contractors | 11 658 | 657 | 80.8 | 1 207.9 | 69.1 | 121.3 | 1 003.7 | 2 501.9 | 5 630.2 | 8 274.0 | 249.0 | 83.3 2 418.7 |
| | Alabama | 1 042 | 35 | 5.0 | 50.8 | 4.3 | 7.6 | 42.9 | 108.0 | 245.3 | 356.3 | (D) | 3.8 92.4 |
| | Alaska | 51 | 22 | 1.6 | 37.4 | 1.4 | 2.8 | 30.5 | 62.7 | 66.5 | 134.1 | 3.7 | 1.5 42.3 |
| | Arkansas | 448 | 19 | 2.8 | 32.5 | 2.5 | 4.1 | 26.3 | 83.9 | 186.6 | 272.6 | (D) | 2.5 81.8 |
| | California | 473 | 55 | 3.9 | 69.1 | 3.2 | 6.2 | 57.9 | 165.9 | 251.6 | 424.1 | 11.0 | 6.1 187.7 |
| | Florida | 409 | 20 | 2.7 | 35.0 | 2.1 | 3.6 | 25.6 | 60.5 | 219.1 | 281.4 | (D) | 1.9 42.4 |
| | Georgia | 1 036 | 25 | 5.4 | 53.7 | 4.7 | 7.9 | 47.0 | 140.3 | 205.1 | 349.3 | (D) | 3.8 88.6 |
| | Idaho | 278 | 34 | 2.6 | 46.3 | 2.2 | 3.8 | 39.2 | 65.9 | 153.8 | 245.3 | 5.5 | 3.2 98.6 |
| | Louisiana | 469 | 11 | 2.5 | 31.5 | 2.2 | 3.8 | 26.8 | 87.4 | 168.3 | 259.4 | (D) | 2.2 50.8 |
| | Maine | 413 | 43 | 4.4 | 71.5 | 3.4 | 6.3 | 51.6 | 146.9 | 309.8 | 458.5 | 15.5 | 4.6 134.1 |
| | Michigan | 300 | 7 | 1.1 | 10.4 | 1.0 | 1.5 | 9.3 | 23.6 | 40.3 | 64.6 | 4.3 | 1.0 23.3 |
| | Minnesota | 170 | 5 | .8 | 9.3 | .6 | 1.1 | 6.6 | 22.4 | 49.2 | 72.0 | 1.4 | .9 23.4 |
| | Mississippi | 514 | 22 | 2.7 | 29.2 | 2.4 | 4.1 | 24.3 | 57.9 | 149.2 | 208.9 | 7.0 | 2.3 53.6 |
| | Montana | 242 | 10 | 1.6 | 28.0 | 1.4 | 2.3 | 23.4 | 38.9 | 161.4 | 203.3 | 4.5 | 1.7 44.2 |
| | New Hampshire | 127 | 6 | .6 | 7.1 | .5 | .8 | 5.8 | 11.7 | 48.3 | 60.3 | (D) | .5 13.9 |
| | New Mexico | 25 | 6 | .6 | 4.1 | .5 | .8 | 3.6 | 12.3 | 16.5 | 29.1 | (D) | .3 6.3 |
| | New York | 179 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .9 19.0 |
| | North Carolina | 669 | 28 | 4.1 | 38.9 | 3.5 | 5.4 | 33.6 | 91.0 | 194.4 | 284.8 | (D) | 3.4 67.8 |
| | Ohio | 91 | 4 | .5 | 5.8 | .4 | .7 | 5.3 | 17.2 | 16.5 | 33.9 | (D) | .4 10.3 |
| | Oklahoma | 26 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .6 12.5 |
| | Oregon | 1 105 | 106 | 11.3 | 223.1 | 9.9 | 17.9 | 187.2 | 438.7 | 1 046.8 | 1 513.8 | 35.3 | 14.0 477.2 |
| | Pennsylvania | 194 | 5 | .9 | 9.9 | .8 | 1.4 | 9.0 | 25.6 | 34.0 | 59.7 | 1.8 | 1.0 25.5 |
| | South Carolina | 631 | 20 | 3.3 | 34.9 | 2.8 | 4.7 | 29.0 | 77.8 | 209.9 | 289.3 | (D) | 2.5 60.4 |
| | Tennessee | 140 | 2 | .5 | 5.1 | .5 | .8 | 4.5 | 9.0 | 19.1 | 28.6 | (D) | .7 10.1 |
| | Texas | 299 | 13 | 2.1 | 30.4 | 1.6 | 3.0 | 22.3 | 110.9 | 187.2 | 298.8 | (D) | 2.2 65.6 |
| | Virginia | 448 | 24 | 2.2 | 22.3 | 1.9 | 3.4 | 19.6 | 43.4 | 72.9 | 117.2 | (D) | 1.6 37.5 |
| | Washington | 857 | 87 | 11.7 | 257.1 | 10.1 | 18.6 | 216.1 | 456.1 | 1 281.8 | 1 781.7 | 49.4 | 15.4 543.8 |
| | West Virginia | 122 | 6 | .8 | 7.7 | .7 | 1.2 | 7.2 | 15.9 | 21.0 | 37.1 | 2.0 | .7 10.3 |
| | Wisconsin | 322 | 11 | 1.4 | 14.9 | 1.3 | 2.0 | 13.1 | 33.8 | 58.1 | 92.9 | (D) | 1.2 24.3 |
| 242 | Sawmills and planing mills | 7 403 | 1 909 | 157.7 | 2 305.9 | 136.6 | 257.3 | 1 877.1 | 3 747.9 | 7 231.3 | 11 132.4 | 435.6 | 211.3 4 975.0 |
| | Alabama | 252 | 104 | 6.6 | 80.4 | 5.8 | 11.3 | 63.4 | 144.7 | 283.3 | 424.7 | 21.7 | 8.7 153.7 |
| | Arizona | 24 | 9 | 1.3 | 19.4 | 1.2 | 2.2 | 15.9 | 24.7 | 52.2 | 79.4 | 26.0 | 2.0 39.0 |
| | Arkansas | 263 | 76 | 7.2 | 91.9 | 6.3 | 12.1 | 75.3 | 162.2 | 315.1 | 481.0 | 21.7 | 9.6 188.0 |
| | California | 308 | 135 | 14.6 | 281.5 | 12.7 | 23.7 | 235.3 | 432.1 | 804.1 | 1 262.6 | 39.0 | 20.7 726.1 |
| | Colorado | 63 | 9 | .8 | 9.9 | .7 | 1.4 | 8.5 | 15.6 | 24.6 | 41.6 | 1.0 | 1.6 26.1 |
| | Florida | 94 | 31 | 2.6 | 30.3 | 2.3 | 4.6 | 25.3 | 59.6 | 131.4 | 189.8 | 6.0 | 2.4 52.7 |
| | Georgia | 267 | 88 | 7.3 | 90.5 | 6.1 | 12.4 | 70.5 | 171.9 | 398.1 | 572.8 | 32.7 | 8.4 183.0 |
| | Idaho | 117 | 51 | 4.8 | 86.6 | 4.3 | 7.4 | 72.8 | 99.9 | 242.3 | 381.7 | 13.5 | 7.9 225.7 |
| | Illinois | 86 | 8 | .7 | 7.9 | .6 | 1.1 | 6.5 | 13.5 | 19.2 | 33.0 | 3.8 | 1.0 16.4 |
| | Indiana | 161 | 26 | 1.9 | 22.4 | 1.6 | 2.8 | 17.7 | 43.8 | 63.9 | 107.3 | 3.4 | 2.3 39.7 |
| | Kentucky | 226 | 40 | 3.2 | 34.8 | 2.7 | 4.8 | 27.4 | 61.8 | 85.8 | 149.7 | 4.6 | 3.7 57.5 |
| | Louisiana | 122 | 43 | 3.0 | 37.2 | 2.6 | 5.2 | 31.2 | 65.6 | 124.1 | 189.6 | 5.7 | 5.7 111.4 |
| | Maine | 146 | 38 | 3.0 | 42.9 | 2.5 | 4.9 | 33.8 | 75.7 | 147.3 | 225.3 | 5.9 | 3.2 63.8 |
| | Maryland | 78 | 15 | 1.0 | 10.4 | .8 | 1.5 | 8.5 | 18.1 | 30.2 | 48.6 | 1.9 | .9 14.8 |
| | Massachusetts | 92 | 12 | .8 | 11.0 | .7 | 1.4 | 9.0 | 18.5 | 31.1 | 49.8 | 1.5 | 1.0 20.1 |
| | Michigan | 211 | 30 | 2.4 | 28.6 | 2.0 | 3.7 | 22.9 | 49.5 | 75.8 | 126.9 | (D) | 3.4 58.3 |
| | Minnesota | 100 | 13 | .8 | 9.2 | .7 | 1.3 | 7.3 | 16.2 | 49.5 | 66.9 | 1.5 | 1.2 21.1 |
| | Mississippi | 224 | 93 | 7.5 | 90.2 | 6.6 | 12.8 | 74.7 | 180.2 | 305.4 | 483.7 | (D) | 9.6 195.0 |
| | Missouri | 274 | 42 | 2.6 | 24.8 | 2.4 | 4.1 | 20.9 | 42.4 | 62.4 | 104.9 | 3.2 | 2.7 49.4 |
| | Montana | 73 | 29 | 2.8 | 56.0 | 2.4 | 4.6 | 47.2 | 69.6 | 128.6 | 200.2 | (D) | 4.5 137.6 |
| | New Hampshire | 92 | 22 | 1.5 | 18.1 | 1.3 | 2.6 | 14.7 | 36.2 | 48.4 | 83.7 | 8.0 | 1.3 24.5 |
| | New Jersey | 33 | 6 | .5 | 10.3 | .4 | .8 | 7.4 | 17.2 | 18.0 | 34.6 | (D) | .2 3.7 |
| | New Mexico | 28 | 8 | .7 | 9.2 | .6 | 1.1 | 7.3 | 6.9 | 22.7 | 32.3 | (D) | 1.7 26.4 |
| | New York | 248 | 46 | 2.9 | 37.2 | 2.3 | 4.6 | 28.9 | 72.7 | 103.2 | 178.8 | 5.2 | 3.1 59.7 |
| | North Carolina | 640 | 152 | 10.7 | 129.2 | 9.2 | 17.5 | 98.4 | 215.3 | 444.1 | 665.6 | 20.0 | 12.5 213.7 |
| | Ohio | 181 | 27 | 2.3 | 24.7 | 2.0 | 4.0 | 19.2 | 53.3 | 64.1 | 117.9 | 3.6 | 2.3 41.4 |
| | Oklahoma | 42 | 8 | .7 | 9.0 | .6 | 1.1 | 8.1 | 14.5 | 42.7 | 55.9 | .8 | .8 18.6 |
| | Oregon | 324 | 155 | 17.2 | 349.1 | 15.1 | 27.4 | 290.9 | 496.7 | 1 154.7 | 1 680.8 | 54.6 | 26.1 845.9 |
| | Pennsylvania | 431 | 64 | 4.4 | 52.1 | 3.8 | 7.1 | 41.6 | 93.2 | 147.0 | 248.5 | 8.1 | 4.8 95.4 |
| | South Carolina | 145 | 53 | 3.7 | 49.6 | 3.2 | 6.4 | 37.1 | 96.3 | 212.6 | 308.1 | (D) | 5.0 104.3 |
| | South Dakota | 17 | 5 | .5 | 7.0 | .4 | .7 | 5.7 | 9.5 | 15.5 | 24.0 | (D) | .7 11.3 |
| | Tennessee | 385 | 76 | 6.8 | 75.2 | 6.0 | 11.3 | 60.3 | 129.4 | 194.4 | 325.1 | 10.6 | 7.7 121.7 |
| | Texas | 150 | 41 | 3.3 | 39.9 | 2.9 | 5.7 | 32.4 | 64.9 | 139.0 | 204.1 | 5.0 | 6.0 104.9 |
| | Vermont | 82 | 17 | 1.0 | 11.9 | .8 | 1.5 | 9.2 | 21.9 | 29.4 | 50.8 | 2.8 | EE (D) |
| | Virginia | 436 | 103 | 6.5 | 67.0 | 5.7 | 10.4 | 54.5 | 118.5 | 211.6 | 330.1 | 12.0 | 7.8 133.6 |
| | Washington | 384 | 121 | 12.4 | 249.6 | 10.8 | 19.2 | 204.0 | 359.2 | 721.9 | 1 097.1 | 42.4 | 20.2 579.8 |
| | West Virginia | 188 | 39 | 2.2 | 22.2 | 2.0 | 3.6 | 19.2 | 42.2 | 60.6 | 101.9 | 2.3 | 2.6 42.4 |
| | Wisconsin | 208 | 34 | 2.9 | 36.2 | 2.4 | 4.5 | 28.3 | 69.0 | 79.7 | 150.2 | 4.5 | 3.3 58.7 |
| | Wyoming | 27 | 13 | .7 | 10.2 | .6 | 1.1 | 8.5 | 16.3 | 26.4 | 43.2 | 1.1 | CC (D) |
| 243 | Millwork, plywood, and structural members | 6 545 | 1 733 | 165.3 | 2 596.1 | 134.8 | 260.6 | 1 959.6 | 4 460.4 | 7 134.5 | 11 682.8 | 261.6 | 197.1 4 700.4 |
| | Alabama | 128 | 46 | 4.2 | 58.9 | 3.5 | 7.0 | 43.0 | 117.3 | 208.2 | 325.4 | 12.0 | 5.1 113.8 |
| | Arizona | 102 | 26 | 1.6 | 25.7 | 1.2 | 2.4 | 16.5 | 46.5 | 54.3 | 100.2 | 1.2 | 1.7 27.6 |
| | Arkansas | 69 | 25 | 3.3 | 48.5 | 2.8 | 5.7 | 38.9 | 72.3 | 196.7 | 268.0 | 2.9 | 2.7 88.0 |
| | California | 957 | 166 | 13.5 | 230.6 | 10.5 | 20.6 | 171.2 | 399.9 | 530.3 | 939.7 | 20.1 | 18.6 442.3 |
| | Colorado | 119 | 28 | 1.6 | 24.1 | 1.2 | 2.3 | 17.2 | 47.4 | 58.9 | 105.9 | 2.1 | 1.5 25.5 |
| | Connecticut | 88 | 14 | 1.0 | 14.1 | .8 | 1.6 | 10.6 | 21.8 | 21.2 | 43.1 | (D) | CC (D) |
| | Florida | 530 | 97 | 7.1 | 89.3 | 5.7 | 10.5 | 64.9 | 143.9 | 186.7 | 332.0 | 7.0 | 6.4 111.7 |
| | Georgia | 177 | 45 | 4.4 | 64.5 | 3.7 | 7.6 | 48.6 | 119.7 | 238.8 | 359.1 | 12.9 | 4.2 128.2 |
| | Idaho | 58 | 20 | 1.9 | 35.6 | 1.7 | 3.4 | 29.5 | 51.6 | 107.6 | 163.8 | 1.4 | 2.5 82.0 |
| | Illinois | 194 | 42 | 3.2 | 53.9 | 2.3 | 4.5 | 34.8 | 86.4 | 102.5 | 191.5 | 2.9 | 5.3 115.4 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|--|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | All employees ² (1,000) |
| 24 | Lumber and wood products—Con. | | | | | | | | | | | | |
| 243 | Millwork, plywood, and structural members—Con. | | | | | | | | | | | | |
| | Indiana | 179 | 72 | 6.7 | 97.7 | 5.5 | 10.3 | 68.7 | 181.0 | 213.3 | 400.6 | 7.0 | 9.7 |
| | Iowa | 53 | 14 | 2.8 | 42.2 | 2.2 | 3.3 | 30.1 | 101.4 | 80.3 | 183.0 | (D) | 2.6 |
| | Kansas | 57 | 12 | 1.1 | 14.2 | .9 | 1.9 | 10.9 | 28.1 | 29.2 | 58.9 | 1.0 | 1.1 |
| | Kentucky | 61 | 14 | 1.6 | 23.5 | 1.2 | 2.3 | 16.4 | 41.0 | 39.5 | 81.1 | 2.0 | 1.6 |
| | Louisiana | 86 | 31 | 3.0 | 45.4 | 2.5 | 5.1 | 35.4 | 58.1 | 152.2 | 209.6 | (D) | 4.6 |
| | Maryland | 79 | 21 | 1.1 | 17.3 | .8 | 1.8 | 12.2 | 30.1 | 37.8 | 68.1 | 4.7 | EE |
| | Massachusetts | 130 | 25 | 1.6 | 25.0 | 1.2 | 2.4 | 17.1 | 48.9 | 50.2 | 98.5 | 1.7 | 1.6 |
| | Michigan | 160 | 27 | 2.7 | 41.8 | 2.2 | 4.0 | 29.1 | 84.2 | 113.2 | 199.5 | (D) | 4.2 |
| | Minnesota | 124 | 32 | 5.3 | 105.7 | 4.1 | 7.8 | 76.9 | 254.8 | 255.5 | 513.7 | 7.6 | 6.4 |
| | Mississippi | 56 | 25 | 2.9 | 40.1 | 2.4 | 4.9 | 30.2 | 63.8 | 158.8 | 225.5 | (D) | 2.9 |
| | Missouri | 108 | 20 | 1.2 | 19.4 | .9 | 1.8 | 13.4 | 32.0 | 37.7 | 70.0 | 1.8 | 1.9 |
| | Montana | 22 | 7 | 1.7 | 33.8 | 1.5 | 2.8 | 28.4 | 22.8 | 95.4 | 119.4 | 1.9 | 2.5 |
| | Nebraska | 39 | 5 | .7 | 11.5 | .6 | 1.1 | 7.9 | 19.0 | 31.4 | 50.0 | .7 | .9 |
| | New Hampshire | 25 | 8 | .7 | 9.2 | .6 | 1.0 | 6.8 | 26.8 | 26.4 | 53.0 | .6 | .8 |
| | New Jersey | 151 | 26 | 2.4 | 34.8 | 1.9 | 3.7 | 23.3 | 62.2 | 75.9 | 139.8 | 1.5 | 2.9 |
| | New Mexico | 52 | 10 | .8 | 11.9 | .7 | 1.3 | 8.9 | 31.6 | 39.9 | 72.7 | .5 | .6 |
| | New York | 317 | 66 | 4.6 | 68.6 | 3.6 | 7.1 | 49.7 | 127.3 | 134.9 | 262.8 | 5.9 | 4.8 |
| | North Carolina | 219 | 94 | 7.1 | 86.3 | 6.0 | 11.6 | 63.4 | 164.6 | 250.3 | 413.3 | 9.9 | 7.3 |
| | Ohio | 182 | 61 | 4.0 | 61.6 | 3.2 | 6.1 | 44.2 | 117.0 | 153.7 | 271.5 | 4.1 | 4.7 |
| | Oklahoma | 62 | 19 | 1.1 | 16.8 | .9 | 1.8 | 12.5 | 28.9 | 37.3 | 66.0 | 1.7 | 1.0 |
| | Oregon | 290 | 139 | 19.4 | 395.1 | 17.2 | 32.9 | 340.0 | 539.7 | 1 295.1 | 1 868.6 | 44.7 | 27.4 |
| | Pennsylvania | 234 | 71 | 5.9 | 90.1 | 4.4 | 9.0 | 64.6 | 196.2 | 185.7 | 377.9 | 5.4 | 6.2 |
| | South Carolina | 96 | 40 | 3.5 | 45.6 | 2.9 | 5.4 | 33.0 | 74.2 | 197.5 | 272.6 | (D) | 3.8 |
| | Tennessee | 133 | 32 | 2.2 | 24.0 | 1.8 | 3.1 | 17.2 | 43.5 | 62.1 | 105.8 | 1.8 | 3.1 |
| | Texas | 399 | 125 | 14.1 | 199.7 | 11.9 | 24.0 | 153.0 | 336.1 | 644.6 | 983.8 | 27.3 | 12.7 |
| | Utah | 67 | 17 | 1.2 | 14.8 | .9 | 1.7 | 10.3 | 23.1 | 24.4 | 47.9 | 3.0 | 1.1 |
| | Vermont | 21 | 5 | .7 | 8.5 | .6 | 1.1 | 6.5 | 13.0 | 28.6 | 41.9 | (D) | .8 |
| | Virginia | 135 | 43 | 4.5 | 61.3 | 3.6 | 6.7 | 40.8 | 116.3 | 242.5 | 364.2 | 5.1 | 5.1 |
| | Washington | 229 | 71 | 7.4 | 140.7 | 6.3 | 11.8 | 113.9 | 196.5 | 355.4 | 556.4 | 11.5 | 12.2 |
| | West Virginia | 20 | 3 | .5 | 6.2 | .4 | .8 | 4.2 | 15.9 | 13.4 | 28.3 | .4 | .7 |
| | Wisconsin | 183 | 60 | 8.4 | 123.1 | 6.7 | 13.0 | 90.0 | 216.0 | 283.3 | 507.4 | 7.4 | 9.2 |
| 244 | Wood containers | 2 250 | 524 | 35.8 | 390.9 | 30.3 | 54.6 | 286.8 | 703.0 | 924.6 | 1 634.9 | 40.0 | 37.8 |
| | Alabama | 49 | 10 | .7 | 7.0 | .6 | 1.1 | 5.1 | 12.4 | 14.6 | 27.3 | .9 | .9 |
| | Arkansas | 42 | 14 | 1.0 | 9.4 | .9 | 1.7 | 7.6 | 16.5 | 19.2 | 35.6 | .9 | 1.2 |
| | California | 206 | 51 | 3.6 | 47.5 | 3.0 | 5.5 | 35.1 | 80.1 | 137.5 | 219.7 | 4.0 | 3.5 |
| | Florida | 30 | 12 | .9 | 8.8 | .8 | 1.5 | 6.5 | 19.8 | 23.3 | 43.1 | .8 | 1.2 |
| | Georgia | 76 | 22 | 1.9 | 17.9 | 1.7 | 3.0 | 13.7 | 32.6 | 34.5 | 67.8 | 1.0 | 1.9 |
| | Illinois | 79 | 16 | .9 | 9.8 | .7 | 1.3 | 6.7 | 19.2 | 21.6 | 40.7 | 1.1 | .8 |
| | Indiana | 90 | 15 | 1.1 | 10.8 | .9 | 1.4 | 7.8 | 17.9 | 20.2 | 38.0 | .8 | 1.1 |
| | Kentucky | 84 | 25 | 1.7 | 19.1 | 1.5 | 2.4 | 15.1 | 31.6 | 59.1 | 93.6 | 1.5 | 1.7 |
| | Massachusetts | 49 | 11 | .6 | 6.0 | .5 | .9 | 4.4 | 9.2 | 13.6 | 22.8 | .7 | .5 |
| | Michigan | 150 | 23 | 1.5 | 17.6 | 1.3 | 2.3 | 12.8 | 35.6 | 48.2 | 85.0 | 1.7 | 2.0 |
| | Mississippi | 42 | 11 | 1.1 | 11.2 | .9 | 1.7 | 7.9 | 22.1 | 19.0 | 40.9 | (D) | EE |
| | Missouri | 95 | 24 | 1.8 | 17.3 | 1.5 | 2.5 | 12.7 | 27.7 | 38.0 | 65.7 | 1.5 | 1.6 |
| | New Jersey | 55 | 8 | .6 | 6.3 | .5 | .8 | 4.6 | 11.1 | 14.4 | 25.5 | .6 | .5 |
| | New York | 105 | 20 | 1.3 | 15.0 | 1.1 | 1.9 | 10.5 | 26.6 | 29.1 | 55.8 | 1.9 | 1.2 |
| | North Carolina | 74 | 29 | 2.1 | 19.9 | 1.8 | 3.5 | 15.5 | 39.1 | 44.1 | 82.8 | 2.0 | 1.7 |
| | Ohio | 158 | 29 | 1.8 | 19.7 | 1.5 | 2.8 | 14.4 | 35.8 | 46.2 | 82.0 | 4.2 | 1.5 |
| | Pennsylvania | 140 | 25 | 1.6 | 17.1 | 1.3 | 2.3 | 11.9 | 36.2 | 45.2 | 81.5 | 1.9 | 1.9 |
| | South Carolina | 39 | 9 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .7 |
| | Tennessee | 66 | 20 | 1.4 | 16.5 | 1.2 | 2.3 | 12.7 | 23.7 | 39.4 | 64.5 | 1.4 | 1.8 |
| | Texas | 93 | 31 | 1.9 | 20.1 | 1.6 | 3.0 | 15.0 | 35.6 | 45.9 | 82.0 | 1.7 | 2.3 |
| | Virginia | 56 | 20 | 1.3 | 14.1 | 1.1 | 2.0 | 9.8 | 23.9 | 29.7 | 53.5 | 2.3 | 1.4 |
| | Washington | 32 | 13 | .8 | 11.8 | .7 | 1.1 | 8.7 | 25.3 | 33.5 | 58.7 | .7 | 1.0 |
| | Wisconsin | 90 | 26 | 1.6 | 19.6 | 1.3 | 2.4 | 13.7 | 31.9 | 31.4 | 63.6 | (D) | 1.8 |
| 245 | Wood buildings and mobile homes | 1 163 | 612 | 59.6 | 880.1 | 46.0 | 84.7 | 573.5 | 1 740.8 | 3 204.2 | 4 955.4 | 65.1 | 79.5 |
| | Alabama | 44 | 34 | 4.1 | 55.4 | 3.3 | 5.9 | 36.8 | 92.7 | 174.8 | 267.9 | 2.5 | 3.5 |
| | Arizona | 26 | 12 | 1.0 | 15.3 | .8 | 1.5 | 10.5 | 34.9 | 63.2 | 98.1 | .4 | 1.3 |
| | Arkansas | 18 | 8 | .9 | 10.3 | .7 | 1.3 | 6.6 | 17.1 | 44.9 | 62.1 | 1.3 | .9 |
| | California | 120 | 64 | 4.4 | 66.5 | 3.2 | 5.9 | 40.5 | 120.6 | 201.8 | 324.3 | 6.2 | 9.2 |
| | Colorado | 18 | 9 | .8 | 12.5 | .7 | 1.3 | 8.4 | 21.2 | 35.1 | 56.1 | 1.3 | 1.2 |
| | Florida | 73 | 43 | 4.2 | 65.1 | 3.3 | 6.1 | 42.3 | 120.4 | 228.9 | 350.2 | 2.3 | 3.5 |
| | Georgia | 50 | 39 | 4.6 | 59.6 | 3.6 | 7.1 | 40.7 | 130.4 | 275.2 | 404.9 | 3.0 | 3.4 |
| | Idaho | 22 | 13 | 1.1 | 15.2 | .9 | 1.7 | 10.2 | 26.8 | 54.1 | 80.9 | .2 | 2.4 |
| | Illinois | 25 | 9 | .6 | 10.2 | .4 | .7 | 5.5 | 25.5 | 39.8 | 65.6 | .5 | 1.4 |
| | Indiana | 69 | 38 | 3.6 | 60.4 | 2.6 | 4.6 | 37.1 | 107.5 | 250.0 | 358.6 | 6.3 | 5.2 |
| | Kansas | 18 | 14 | 1.5 | 23.8 | 1.2 | 2.3 | 17.1 | 53.5 | 111.3 | 164.5 | .4 | 1.9 |
| | Louisiana | 13 | 9 | 1.0 | 10.2 | .8 | 1.3 | 6.5 | 19.7 | 41.0 | 60.9 | .3 | .6 |
| | Michigan | 25 | 8 | .5 | 8.0 | .3 | .6 | 4.0 | 11.8 | 15.5 | 29.1 | .9 | 1.4 |
| | Minnesota | 26 | 9 | .7 | 10.5 | .5 | .8 | 5.8 | 22.1 | 34.9 | 56.9 | .2 | 1.6 |
| | Mississippi | 13 | 8 | .9 | 12.2 | .8 | 1.5 | 9.0 | 25.7 | 51.0 | 76.7 | (D) | .9 |
| | Missouri | 23 | 5 | .6 | 9.9 | .4 | .8 | 6.4 | 16.6 | 34.5 | 51.1 | 1.0 | .9 |
| | Nebraska | 14 | 8 | .8 | 12.2 | .5 | 1.3 | 7.8 | 25.1 | 40.4 | 65.1 | .4 | 1.0 |
| | New Hampshire | 13 | 6 | .5 | 7.0 | .3 | .6 | 4.0 | 12.1 | 17.6 | 29.6 | (D) | .5 |
| | New York | 26 | 7 | .6 | 10.0 | .4 | .8 | 6.1 | 20.5 | 38.3 | 58.8 | .6 | 1.0 |
| | North Carolina | 44 | 25 | 3.1 | 43.0 | 2.5 | 4.6 | 29.5 | 84.2 | 190.1 | 275.5 | 5.6 | 3.0 |
| | Ohio | 36 | 12 | .9 | 18.0 | .7 | 1.3 | 11.8 | 35.8 | 63.6 | 99.6 | .4 | 2.0 |
| | Oklahoma | 8 | 6 | .6 | 8.6 | .4 | .7 | 4.9 | 13.4 | 30.9 | 44.0 | .2 | .8 |
| | Oregon | 24 | 17 | 1.4 | 22.7 | 1.1 | 1.8 | 15.7 | 43.5 | 76.0 | 120.5 | 1.1 | 2.7 |
| | Pennsylvania | 59 | 32 | 2.6 | 40.3 | 2.0 | 3.4 | 25.3 | 85.3 | 146.1 | 229.9 | 1.0 | 4.1 |
| | South Dakota | 9 | 6 | .6 | 3.8 | .5 | .9 | 2.4 | 11.9 | 14.2 | 26.2 | (D) | .7 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|--------------------------------------|---------------------------------|---|--------------------------------|------------------------------|--------------------|---------------------|----------------------------|---|---|--|---|--|
| | | All establishments ¹ | | — All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁵ (million dollars) | New capital expenditures (million dollars) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | |
| 24 | Lumber and wood products—Con. | | | | | | | | | | | | |
| 245 | Wood buildings and mobile homes—Con. | | | | | | | | | | | | |
| | Tennessee..... | 30 | 15 | 1.7 | 17.9 | 1.4 | 2.4 | 12.3 | 33.9 | 67.3 | 101.5 | 1.7 | 1.6 |
| | Texas..... | 90 | 57 | 8.5 | 127.7 | 7.0 | 13.7 | 91.7 | 272.7 | 467.1 | 743.1 | 10.1 | 7.3 |
| | Utah..... | 11 | 6 | .7 | 12.8 | .6 | 1.1 | 7.3 | 17.0 | 27.4 | 45.3 | .3 | 1.3 |
| | Virginia..... | 27 | 17 | 2.0 | 27.7 | 1.4 | 2.2 | 14.7 | 49.7 | 97.0 | 146.3 | 2.1 | 3.1 |
| | Washington..... | 29 | 14 | .9 | 15.0 | .7 | 1.2 | 9.9 | 24.8 | 43.9 | 69.3 | .8 | 1.5 |
| | Wisconsin..... | 34 | 20 | 1.4 | 21.8 | 1.0 | 1.6 | 13.9 | 59.4 | 72.9 | 132.3 | 2.9 | 4.4 |
| 249 | Miscellaneous wood products..... | 3 965 | 878 | 77.1 | 1 063.5 | 62.5 | 115.4 | 745.3 | 2 222.6 | 3 000.7 | 5 255.4 | 291.1 | 83.4 |
| | Alabama..... | 93 | 27 | 1.9 | 23.9 | 1.6 | 3.0 | 17.0 | 58.4 | 114.6 | 173.5 | 3.3 | 1.7 |
| | Arkansas..... | 60 | 24 | 1.7 | 20.3 | 1.5 | 2.6 | 14.4 | 48.1 | 81.4 | 129.4 | 1.9 | 2.2 |
| | California..... | 518 | 105 | 8.4 | 118.9 | 6.7 | 12.3 | 82.6 | 246.3 | 265.7 | 533.9 | 22.0 | 9.2 |
| | Florida..... | 175 | 18 | 1.5 | 16.7 | 1.3 | 2.3 | 11.9 | 30.6 | 69.8 | 102.2 | 3.3 | 1.2 |
| | Georgia..... | 101 | 31 | 2.8 | 35.2 | 2.3 | 4.2 | 25.5 | 86.0 | 129.9 | 215.2 | 5.8 | 2.6 |
| | Illinois..... | 145 | 38 | 4.1 | 51.7 | 3.1 | 5.7 | 34.0 | 114.0 | 92.9 | 204.8 | 6.2 | 5.2 |
| | Indiana..... | 91 | 20 | 1.7 | 17.9 | 1.4 | 2.2 | 12.2 | 37.1 | 43.9 | 82.1 | 2.5 | 2.0 |
| | Kentucky..... | 48 | 8 | .5 | 6.6 | .4 | .8 | 4.5 | 18.9 | 28.4 | 45.9 | 1.1 | CC |
| | Louisiana..... | 57 | 12 | 1.1 | 14.9 | .8 | 1.7 | 10.5 | 32.7 | 69.2 | 101.7 | (D) | 1.1 |
| | Maine..... | 90 | 35 | 4.1 | 46.3 | 3.6 | 7.0 | 37.4 | 78.1 | 77.3 | 155.1 | 8.6 | 4.0 |
| | Maryland..... | 38 | 6 | .5 | 7.1 | .5 | .8 | 5.4 | 16.0 | 24.5 | 41.7 | .5 | .6 |
| | Massachusetts..... | 106 | 19 | 1.8 | 23.2 | 1.4 | 2.7 | 15.4 | 52.9 | 40.4 | 92.4 | 2.1 | 2.1 |
| | Michigan..... | 144 | 27 | 2.4 | 42.3 | 1.9 | 3.6 | 28.7 | 86.4 | 87.7 | 173.6 | (D) | 3.0 |
| | Minnesota..... | 79 | 21 | 2.2 | 41.4 | 1.7 | 3.1 | 27.4 | 59.0 | 96.1 | 155.6 | 10.0 | 2.4 |
| | Mississippi..... | 80 | 30 | 4.1 | 62.2 | 3.2 | 6.0 | 41.7 | 145.3 | 191.4 | 338.8 | 15.3 | 5.4 |
| | Missouri..... | 104 | 28 | 1.7 | 16.8 | 1.4 | 2.4 | 12.3 | 32.4 | 46.4 | 79.0 | 4.7 | 1.6 |
| | New Hampshire..... | 67 | 13 | 1.2 | 16.1 | 1.1 | 2.3 | 12.4 | 28.7 | 27.1 | 56.6 | 1.3 | .8 |
| | New Jersey..... | 89 | 12 | 1.1 | 13.8 | .9 | 1.6 | 9.0 | 35.0 | 39.1 | 75.0 | 1.5 | 1.7 |
| | New York..... | 249 | 47 | 3.6 | 48.6 | 3.0 | 5.5 | 32.7 | 95.2 | 98.6 | 194.4 | 29.5 | 3.8 |
| | North Carolina..... | 198 | 55 | 5.0 | 64.6 | 4.1 | 7.6 | 45.4 | 144.3 | 178.4 | 318.6 | 10.0 | 4.6 |
| | Ohio..... | 105 | 27 | 2.2 | 32.5 | 1.6 | 3.0 | 20.6 | 77.0 | 95.5 | 171.3 | 3.8 | 2.8 |
| | Oklahoma..... | 35 | 9 | .6 | 7.1 | .5 | .8 | 5.1 | 16.1 | 25.8 | 42.2 | .8 | .4 |
| | Oregon..... | 145 | 40 | 2.9 | 59.4 | 2.3 | 4.3 | 43.2 | 117.1 | 188.0 | 310.7 | 5.9 | 4.4 |
| | Pennsylvania..... | 150 | 18 | 1.7 | 25.7 | 1.3 | 2.6 | 16.9 | 46.5 | 82.1 | 134.0 | 4.6 | 2.4 |
| | Rhode Island..... | 16 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | AA |
| | South Carolina..... | 57 | 16 | 1.6 | 23.3 | 1.3 | 2.3 | 16.4 | 49.1 | 112.7 | 161.6 | (D) | 1.6 |
| | Tennessee..... | 82 | 18 | 1.4 | 16.5 | 1.2 | 2.2 | 12.6 | 26.6 | 45.9 | 74.3 | 2.8 | EE |
| | Texas..... | 201 | 41 | 3.5 | 42.6 | 2.9 | 5.3 | 28.9 | 84.7 | 176.1 | 261.1 | 12.9 | 2.6 |
| | Vermont..... | 38 | 14 | .8 | 10.0 | .6 | 1.2 | 7.2 | 17.1 | 22.8 | 40.3 | (D) | .8 |
| | Virginia..... | 85 | 29 | 3.0 | 41.9 | 2.5 | 4.5 | 29.0 | 94.6 | 131.7 | 219.2 | 4.4 | 3.0 |
| | Washington..... | 107 | 20 | 1.4 | 24.5 | 1.2 | 2.3 | 18.1 | 48.6 | 75.7 | 126.4 | 4.1 | 1.5 |
| | Wisconsin..... | 84 | 24 | 2.3 | 38.3 | 1.9 | 3.3 | 27.6 | 79.4 | 88.0 | 168.0 | 21.8 | 2.4 |
| 25 | Furniture and fixtures..... | 10 003 | 3 629 | 436.0 | 6 083.7 | 350.5 | 651.2 | 4 189.1 | 12 828.9 | 11 228.9 | 24 128.7 | 566.2 | 463.8 |
| | Alabama..... | 181 | 78 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 7.3 |
| | Arizona..... | 121 | 31 | 1.9 | 23.0 | 1.6 | 3.0 | 16.0 | 45.8 | 44.5 | 90.6 | (D) | EE |
| | Arkansas..... | 102 | 54 | 8.6 | 103.8 | 7.1 | 13.5 | 73.8 | 215.9 | 213.9 | 430.2 | 5.5 | 11.5 |
| | California..... | 1 728 | 599 | 52.6 | 782.7 | 42.0 | 81.6 | 536.4 | 1 709.7 | 1 400.8 | 3 111.4 | 55.2 | 51.9 |
| | Colorado..... | 145 | 33 | 2.6 | 36.6 | 2.0 | 3.8 | 23.2 | 69.3 | 55.8 | 125.1 | 2.3 | 2.0 |
| | Connecticut..... | 114 | 39 | 4.5 | 67.8 | 3.2 | 6.1 | 39.5 | 154.8 | 103.7 | 262.6 | 2.3 | 4.4 |
| | Delaware..... | 8 | 3 | .5 | 6.2 | .4 | .7 | 4.3 | 11.2 | 11.1 | 22.0 | (D) | BB |
| | Florida..... | 662 | 158 | 11.7 | 145.1 | 9.4 | 17.4 | 98.3 | 321.0 | 296.8 | 621.4 | 9.9 | 9.3 |
| | Georgia..... | 240 | 91 | 9.4 | 110.9 | 7.8 | 14.3 | 79.2 | 267.9 | 248.2 | 514.6 | (D) | 9.2 |
| | Illinois..... | 426 | 163 | 18.9 | 317.2 | 14.0 | 26.5 | 207.1 | 631.5 | 679.8 | 1 322.0 | 32.2 | 23.5 |
| | Indiana..... | 253 | 129 | 20.2 | 298.6 | 15.9 | 29.4 | 201.9 | 576.3 | 512.9 | 1 090.3 | 23.5 | 22.5 |
| | Iowa..... | 54 | 23 | 3.5 | 66.0 | 2.7 | 5.2 | 44.0 | 113.8 | 109.0 | 222.7 | 4.3 | 3.7 |
| | Kansas..... | 58 | 19 | 1.6 | 24.1 | 1.2 | 2.4 | 15.3 | 43.2 | 37.7 | 80.7 | 1.5 | 2.0 |
| | Kentucky..... | 86 | 29 | 2.8 | 36.1 | 2.3 | 4.2 | 25.6 | 74.3 | 65.9 | 139.8 | 3.9 | 4.5 |
| | Louisiana..... | 48 | 7 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.2 |
| | Maine..... | 36 | 10 | 1.1 | 15.7 | .9 | 2.0 | 10.2 | 25.8 | 20.8 | 46.8 | 1.1 | 1.1 |
| | Maryland..... | 110 | 37 | 3.5 | 51.2 | 2.8 | 5.9 | 33.5 | 94.3 | 100.2 | 189.0 | 4.1 | 3.6 |
| | Massachusetts..... | 268 | 78 | 7.0 | 104.5 | 5.3 | 9.6 | 63.8 | 215.6 | 172.1 | 389.4 | 9.4 | 7.8 |
| | Michigan..... | 278 | 108 | 21.1 | 462.5 | 15.2 | 29.2 | 288.2 | 1 071.7 | 752.9 | 1 891.1 | 91.1 | 21.7 |
| | Minnesota..... | 138 | 40 | 3.8 | 64.7 | 2.8 | 5.3 | 40.8 | 131.2 | 93.7 | 227.2 | 4.9 | 4.0 |
| | Mississippi..... | 168 | 90 | 13.6 | 163.8 | 11.3 | 21.1 | 117.5 | 369.9 | 421.5 | 798.3 | (D) | 15.5 |
| | Missouri..... | 172 | 69 | 7.2 | 108.1 | 5.2 | 9.5 | 66.8 | 248.9 | 214.3 | 467.2 | 8.6 | 7.5 |
| | Nebraska..... | 40 | 11 | 1.7 | 30.5 | 1.3 | 2.2 | 14.8 | 62.5 | 56.1 | 119.2 | 1.7 | 1.8 |
| | New Hampshire..... | 46 | 16 | 1.5 | 19.5 | 1.2 | 2.2 | 13.6 | 47.8 | 29.9 | 77.1 | 1.6 | 1.7 |
| | New Jersey..... | 301 | 107 | 9.8 | 141.7 | 7.6 | 14.5 | 96.2 | 301.6 | 259.2 | 556.2 | 10.0 | 9.6 |
| | New York..... | 881 | 264 | 22.9 | 343.1 | 18.2 | 35.0 | 236.0 | 685.9 | 528.3 | 1 214.3 | 26.6 | 24.3 |
| | North Carolina..... | 662 | 377 | 76.3 | 869.6 | 66.2 | 115.8 | 667.2 | 1 728.7 | 1 591.7 | 3 336.9 | 79.3 | 78.9 |
| | Ohio..... | 279 | 110 | 13.0 | 220.8 | 9.8 | 19.0 | 146.6 | 447.8 | 389.4 | 841.4 | 15.5 | 17.5 |
| | Oklahoma..... | 84 | 22 | 2.1 | 29.0 | 1.7 | 3.2 | 20.9 | 60.4 | 58.6 | 120.2 | 2.1 | 1.9 |
| | Oregon..... | 123 | 18 | 1.6 | 25.0 | 1.3 | 2.4 | 17.5 | 50.4 | 48.0 | 98.3 | 1.6 | 2.7 |
| | Pennsylvania..... | 410 | 172 | 18.9 | 299.4 | 14.3 | 27.2 | 200.0 | 638.0 | 526.2 | 1 160.5 | 33.9 | 20.1 |
| | Rhode Island..... | 30 | 8 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .9 |
| | South Carolina..... | 70 | 31 | 4.3 | 51.5 | 3.6 | 6.8 | 38.9 | 106.8 | 92.3 | 195.8 | (D) | 4.1 |
| | Tennessee..... | 303 | 150 | 21.0 | 240.4 | 17.6 | 32.3 | 171.3 | 516.5 | 510.8 | 1 032.3 | 15.9 | 23.0 |
| | Texas..... | 502 | 184 | 15.8 | 200.2 | 12.8 | 23.8 | 135.8 | 441.4 | 435.2 | 879.8 | 20.1 | 17.4 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendices. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|---|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|------------------------------------|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All employees ² (1,000) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 25 | Furniture and fixtures—Con. | | | | | | | | | | | | | |
| | Utah | 79 | 28 | 2.1 | 27.4 | 1.8 | 3.0 | 20.5 | 54.9 | 55.7 | 110.2 | (D) | 1.3 | 24.9 |
| | Vermont | 33 | 15 | 1.9 | 22.2 | 1.7 | 3.0 | 17.3 | 38.4 | 30.3 | 68.9 | .9 | 2.4 | 33.3 |
| | Virginia | 182 | 80 | 22.5 | 246.6 | 19.3 | 34.3 | 183.6 | 471.4 | 426.7 | 911.1 | 20.7 | 25.5 | 406.1 |
| | Washington | 185 | 42 | 2.8 | 44.7 | 2.2 | 4.1 | 30.5 | 97.8 | 66.8 | 164.0 | 2.4 | 3.2 | 72.5 |
| | West Virginia | 36 | 11 | .9 | 10.7 | .7 | 1.4 | 8.3 | 22.5 | 38.7 | 60.2 | .5 | 1.1 | 15.6 |
| | Wisconsin | 204 | 74 | 8.9 | 135.6 | 6.6 | 12.8 | 87.7 | 297.2 | 227.4 | 526.6 | 15.4 | 9.0 | 211.9 |
| 251 | Household furniture | 5 475 | 2 076 | 263.0 | 3 161.7 | 221.4 | 402.6 | 2 309.8 | 6 455.0 | 6 278.2 | 12 775.8 | 245.9 | 309.7 | 5 212.7 |
| | Alabama | 122 | 55 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 5.3 | 86.5 |
| | Arizona | 71 | 19 | 1.3 | 13.4 | 1.1 | 1.9 | 9.5 | 27.7 | 29.3 | 56.8 | (D) | CC | (D) |
| | Arkansas | 67 | 35 | 5.4 | 58.2 | 4.7 | 8.6 | 43.8 | 103.5 | 124.9 | 230.3 | 3.2 | 9.1 | 138.2 |
| | California | 951 | 348 | 30.3 | 400.1 | 24.9 | 47.4 | 284.5 | 873.4 | 820.0 | 1 694.1 | 28.5 | 34.7 | 658.5 |
| | Colorado | 70 | 16 | 1.2 | 14.2 | 1.0 | 1.7 | 9.7 | 29.4 | 26.4 | 56.1 | 1.0 | .9 | 16.7 |
| | Connecticut | 59 | 19 | 1.7 | 22.1 | 1.3 | 2.3 | 12.9 | 46.1 | 36.4 | 81.9 | .6 | 1.8 | 32.8 |
| | Florida | 380 | 93 | 7.0 | 77.6 | 5.8 | 10.6 | 55.6 | 188.4 | 184.5 | 377.3 | 5.7 | 5.8 | 102.9 |
| | Georgia | 138 | 53 | 5.6 | 55.6 | 4.8 | 8.6 | 40.3 | 125.0 | 134.8 | 260.2 | (D) | 6.3 | 102.6 |
| | Illinois | 165 | 64 | 6.5 | 89.5 | 5.1 | 9.8 | 57.7 | 180.0 | 209.0 | 390.5 | 6.2 | 10.8 | 222.6 |
| | Indiana | 116 | 64 | 11.9 | 169.9 | 9.9 | 18.2 | 127.1 | 281.2 | 294.9 | 577.3 | 8.2 | 15.7 | 249.0 |
| | Iowa | 27 | 11 | 1.5 | 23.9 | 1.1 | 2.0 | 13.9 | 36.7 | 35.3 | 72.2 | (D) | 1.8 | 38.8 |
| | Kansas | 25 | 6 | .6 | 7.5 | .5 | .9 | 4.4 | 11.9 | 15.1 | 27.2 | .5 | 1.0 | 14.8 |
| | Kentucky | 57 | 17 | 1.5 | 18.0 | 1.3 | 2.4 | 13.0 | 39.8 | 32.3 | 71.5 | .7 | 3.0 | 45.4 |
| | Louisiana | 33 | 6 | .7 | 7.6 | .6 | 1.0 | 5.9 | 17.9 | 18.9 | 37.0 | .5 | 1.0 | 17.0 |
| | Maine | 25 | 7 | .7 | 8.7 | .6 | 1.4 | 6.3 | 16.6 | 9.8 | 26.6 | .9 | CC | (D) |
| | Maryland | 47 | 21 | 1.8 | 25.3 | 1.4 | 2.7 | 16.8 | 45.2 | 52.1 | 97.2 | 2.0 | 1.6 | 23.3 |
| | Massachusetts | 163 | 50 | 4.4 | 54.6 | 3.6 | 6.3 | 36.9 | 107.9 | 101.3 | 208.9 | 4.1 | 5.5 | 93.1 |
| | Michigan | 115 | 43 | 4.1 | 58.6 | 3.3 | 6.4 | 41.4 | 114.2 | 88.0 | 202.8 | 10.0 | 5.6 | 89.1 |
| | Minnesota | 47 | 8 | .9 | 11.2 | .7 | 1.4 | 7.6 | 25.5 | 24.8 | 50.7 | 1.0 | 1.6 | 26.0 |
| | Mississippi | 135 | 76 | 11.9 | 143.6 | 9.9 | 18.5 | 103.9 | 322.1 | 379.5 | 708.1 | 10.4 | 14.3 | 229.4 |
| | Missouri | 81 | 34 | 4.1 | 54.7 | 3.1 | 5.5 | 37.1 | 134.4 | 122.8 | 259.6 | 5.7 | 4.4 | 84.0 |
| | Nebraska | 21 | 7 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | New Hampshire | 34 | 10 | 1.0 | 11.6 | .8 | 1.6 | 8.3 | 31.0 | 19.4 | 49.6 | 1.2 | 1.3 | 25.3 |
| | New Jersey | 127 | 40 | 3.4 | 46.9 | 2.6 | 5.1 | 31.1 | 115.7 | 117.6 | 230.5 | 4.1 | 3.8 | 73.9 |
| | New York | 423 | 106 | 8.9 | 121.2 | 7.2 | 13.9 | 85.5 | 228.0 | 187.2 | 415.6 | 8.1 | 11.4 | 194.4 |
| | North Carolina | 536 | 322 | 67.4 | 750.4 | 59.0 | 102.1 | 584.2 | 1 463.1 | 1 370.7 | 2 847.5 | 67.5 | 71.6 | 1 159.9 |
| | Ohio | 117 | 46 | 5.8 | 82.6 | 4.7 | 8.8 | 59.6 | 178.8 | 192.2 | 375.0 | 8.3 | 8.4 | 152.9 |
| | Oklahoma | 51 | 12 | 1.2 | 13.6 | 1.0 | 1.8 | 9.2 | 27.1 | 30.7 | 57.9 | .6 | 1.3 | 20.6 |
| | Oregon | 65 | 11 | 1.0 | 14.4 | .8 | 1.6 | 10.0 | 31.0 | 33.6 | 64.8 | 1.2 | 1.7 | 32.6 |
| | Pennsylvania | 202 | 85 | 7.7 | 99.3 | 6.1 | 11.3 | 69.7 | 200.1 | 206.1 | 403.0 | 5.9 | 9.5 | 160.4 |
| | South Carolina | 44 | 20 | 3.4 | 39.5 | 3.0 | 5.5 | 31.1 | 80.8 | 70.0 | 148.3 | (D) | 3.5 | 55.2 |
| | Tennessee | 217 | 113 | 16.2 | 180.4 | 13.8 | 25.3 | 131.1 | 377.7 | 351.8 | 733.2 | 11.7 | 19.3 | 297.3 |
| | Texas | 240 | 94 | 8.3 | 95.9 | 7.0 | 13.1 | 67.7 | 219.7 | 230.9 | 449.7 | 7.6 | 10.8 | 175.2 |
| | Utah | 42 | 17 | 1.2 | 13.4 | 1.0 | 1.7 | 10.5 | 26.3 | 22.6 | 48.5 | (D) | .6 | 10.8 |
| | Vermont | 25 | 12 | 1.8 | 20.0 | 1.5 | 2.7 | 15.9 | 34.0 | 25.9 | 60.0 | (D) | 2.3 | 29.9 |
| | Virginia | 123 | 63 | 20.1 | 210.1 | 17.5 | 30.8 | 158.7 | 401.3 | 368.0 | 779.9 | 14.2 | 23.0 | 350.9 |
| | Washington | 98 | 16 | 1.2 | 15.4 | 1.0 | 1.7 | 10.8 | 32.5 | 30.0 | 62.1 | (D) | 1.7 | 36.7 |
| | West Virginia | 20 | 9 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .8 | 11.9 |
| | Wisconsin | 100 | 31 | 3.8 | 53.0 | 3.2 | 6.0 | 40.4 | 108.7 | 105.6 | 215.2 | 3.1 | 4.6 | 90.2 |
| 252 | Office furniture | 700 | 337 | 58.7 | 1 050.9 | 43.8 | 85.2 | 678.0 | 2 476.9 | 1 655.0 | 4 150.1 | 146.8 | 45.0 | 1 236.1 |
| | Alabama | 13 | 7 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | California | 142 | 73 | 8.7 | 144.4 | 6.9 | 14.1 | 97.4 | 384.8 | 232.3 | 617.2 | 12.4 | 5.4 | 136.1 |
| | Connecticut | 13 | 5 | .7 | 9.6 | .5 | 1.1 | 5.9 | 27.1 | 14.1 | 41.1 | .6 | (NA) | (NA) |
| | Florida | 48 | 9 | .7 | 8.8 | .6 | 1.0 | 6.3 | 16.1 | 10.8 | 26.4 | .3 | .4 | 7.3 |
| | Georgia | 14 | 7 | 1.0 | 14.0 | .8 | 1.7 | 10.5 | 53.7 | 46.5 | 100.6 | (D) | CC | (D) |
| | Illinois | 22 | 7 | 2.3 | 49.8 | 1.7 | 3.1 | 33.6 | 78.5 | 62.1 | 145.4 | 4.5 | 2.0 | 50.2 |
| | Indiana | 31 | 27 | 3.9 | 56.1 | 3.0 | 5.4 | 35.9 | 135.8 | 99.4 | 234.1 | 8.5 | 3.2 | 62.9 |
| | Iowa | 4 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Kentucky | 4 | 4 | .6 | 8.7 | .4 | .8 | 5.5 | 19.6 | 13.1 | 32.9 | 2.6 | .7 | 10.6 |
| | Massachusetts | 14 | 5 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Michigan | 34 | 21 | 11.7 | 295.4 | 8.1 | 15.8 | 183.9 | 729.0 | 454.1 | 1 190.7 | 69.6 | 8.1 | 358.6 |
| | Minnesota | 8 | 7 | .5 | 8.5 | .4 | .7 | 5.4 | 20.4 | 13.6 | 33.9 | .4 | (NA) | (NA) |
| | Missouri | 10 | 6 | .7 | 10.8 | .5 | 1.0 | 6.0 | 30.4 | 20.9 | 51.2 | .7 | CC | (D) |
| | New Jersey | 23 | 14 | 1.8 | 22.1 | 1.3 | 2.5 | 13.7 | 33.2 | 34.9 | 67.9 | 1.3 | 1.4 | 26.3 |
| | New York | 79 | 32 | 3.9 | 58.5 | 3.1 | 6.2 | 38.9 | 120.4 | 89.3 | 214.0 | 3.0 | 3.6 | 75.5 |
| | North Carolina | 39 | 28 | 5.7 | 72.8 | 4.8 | 8.9 | 51.8 | 178.7 | 126.1 | 304.0 | 9.0 | 4.1 | 83.8 |
| | Ohio | 17 | 10 | 1.9 | 39.1 | 1.2 | 2.5 | 19.9 | 62.8 | 41.7 | 101.1 | 1.7 | FF | (D) |
| | Pennsylvania | 36 | 16 | 4.5 | 82.7 | 3.3 | 6.5 | 55.7 | 183.5 | 121.6 | 306.4 | 9.6 | 4.3 | 103.7 |
| | Tennessee | 7 | 4 | .9 | 12.3 | .7 | 1.3 | 8.6 | 34.5 | 27.7 | 62.7 | 1.1 | .2 | 11.0 |
| | Texas | 33 | 17 | 1.6 | 21.7 | 1.2 | 2.2 | 13.3 | 45.8 | 39.9 | 86.0 | 5.2 | 1.3 | 26.4 |
| | Virginia | 7 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Washington | 21 | 8 | .5 | 7.9 | .4 | .7 | 5.5 | 24.4 | 9.4 | 33.9 | .6 | .2 | 3.5 |
| | Wisconsin | 12 | 9 | 1.3 | 21.8 | .9 | 1.6 | 12.7 | 57.8 | 29.7 | 88.5 | 4.6 | 1.1 | 30.6 |
| 253 | Public building and related furniture | 413 | 181 | 18.8 | 294.9 | 13.8 | 26.2 | 175.8 | 578.8 | 521.6 | 1 102.8 | 24.8 | 20.0 | 414.9 |
| | Arkansas | 14 | 10 | 1.6 | 24.9 | 1.2 | 2.4 | 15.4 | 57.9 | 47.6 | 104.4 | (D) | 1.4 | 29.4 |
| | California | 49 | 18 | 1.4 | 22.4 | 1.0 | 2.0 | 13.5 | 38.2 | 34.7 | 73.2 | 1.3 | 1.8 | 37.2 |
| | Connecticut | 5 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Illinois | 18 | 10 | .8 | 13.8 | .6 | 1.1 | 7.9 | 29.3 | 27.1 | 55.8 | .8 | 1.1 | 19.7 |
| | Indiana | 21 | 10 | .7 | 8.3 | .6 | 1.1 | 6.1 | 17.0 | 23.1 | 39.7 | .4 | .7 | 9.6 |
| | Michigan | 22 | 11 | 1.9 | 40.2 | 1.3 | 2.1 | 20.5 | 77.4 | 64.0 | 140.1 | (D) | 2.4 | 53.6 |
| | Minnesota | 9 | 5 | .6 | 11.9 | .4 | .7 | 5.6 | 25.0 | 17.2 | 42.1 | 1.7 | .6 | 17.3 |
| | Mississippi | 5 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Missouri | 8 | 3 | .6 | 9.6 | .3 | .6 | 4.1 | 19.3 | 20.0 | 39.2 | (D) | BB | (D) |
| | North Carolina | 14 | 7 | 1.2 | 21.0 | .9 | 1.8 | 13.2 | 35.1 | 40.5 | 79.1 | (D) | 1.2 | 22.9 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|-------------|---|---------------------------------|---|--------------------------------|---------------------------------|--------------------|---------------------|-------------------------------|---|---|--|---|--|--|
| | | All establishments ¹ | | —All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expend- itures (million dollars) | All em- ployees ² (1,000) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 25 | Furniture and fixtures—Con. | | | | | | | | | | | | | |
| 253 | Public building and related furniture—Con. | | | | | | | | | | | | | |
| | Ohio | 14 | 7 | .7 | 12.1 | .5 | 1.0 | 8.3 | 22.9 | 18.5 | 42.2 | (D) | EE | (D) |
| | Pennsylvania | 17 | 7 | .5 | 6.1 | .4 | .7 | 4.3 | 11.3 | 11.4 | 22.1 | .3 | .9 | 18.7 |
| | Tennessee | 15 | 12 | 1.0 | 10.9 | .8 | 1.4 | 5.9 | 18.5 | 21.8 | 40.4 | (D) | .6 | 12.0 |
| | Texas | 39 | 18 | 1.8 | 21.7 | 1.4 | 2.6 | 13.0 | 44.4 | 46.5 | 91.3 | (D) | 1.9 | 27.7 |
| | Wisconsin | 17 | 8 | .8 | 12.3 | .6 | 1.2 | 7.5 | 22.6 | 14.9 | 38.2 | (D) | .7 | 23.1 |
| 254 | Partitions and fixtures | 2 148 | 687 | 59.7 | 1 025.0 | 44.9 | 85.8 | 674.0 | 2 079.5 | 1 620.7 | 3 709.9 | 87.3 | 57.4 | 1 311.0 |
| | Alabama | 21 | 8 | 1.1 | 17.0 | .9 | 1.7 | 10.1 | 34.0 | 37.0 | 71.6 | 3.3 | .7 | 11.9 |
| | Arkansas | 7 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | California | 383 | 107 | 7.5 | 143.9 | 5.6 | 10.7 | 96.6 | 265.4 | 190.8 | 457.7 | 8.1 | 5.8 | 141.5 |
| | Colorado | 33 | 8 | .7 | 10.4 | .5 | 1.0 | 6.7 | 17.3 | 11.6 | 28.7 | .7 | .6 | 13.1 |
| | Connecticut | 22 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .5 | 13.3 |
| | Florida | 89 | 23 | 1.6 | 25.1 | 1.2 | 2.3 | 16.1 | 47.7 | 32.5 | 79.8 | 1.1 | 1.3 | 22.4 |
| | Georgia | 45 | 18 | 1.5 | 23.4 | 1.1 | 1.9 | 13.9 | 46.3 | 40.2 | 86.8 | (D) | 1.1 | 25.3 |
| | Illinois | 151 | 57 | 5.9 | 108.7 | 4.3 | 8.1 | 70.2 | 233.3 | 234.4 | 469.1 | 15.6 | 6.2 | 157.4 |
| | Indiana | 52 | 16 | 1.9 | 26.6 | 1.3 | 2.3 | 16.3 | 50.9 | 44.7 | 95.7 | 1.8 | 1.6 | 34.7 |
| | Massachusetts | 52 | 15 | 1.0 | 17.7 | .8 | 1.4 | 11.8 | 33.0 | 20.9 | 54.2 | 1.8 | .8 | 19.7 |
| | Michigan | 76 | 25 | 2.5 | 48.9 | 1.8 | 3.5 | 29.8 | 96.9 | 75.1 | 171.9 | 4.1 | 3.7 | 78.3 |
| | Minnesota | 50 | 14 | 1.4 | 27.6 | 1.1 | 2.0 | 18.6 | 50.3 | 29.5 | 81.7 | 1.6 | 1.3 | 35.9 |
| | Missouri | 50 | 16 | 1.0 | 17.4 | .7 | 1.3 | 10.3 | 29.7 | 22.5 | 54.2 | 1.2 | 1.0 | 20.2 |
| | Nebraska | 8 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | New Jersey | 95 | 36 | 2.3 | 37.4 | 1.8 | 3.4 | 25.3 | 69.3 | 63.6 | 132.5 | 2.0 | 2.4 | 50.7 |
| | New York | 216 | 88 | 6.7 | 114.1 | 5.4 | 10.0 | 80.6 | 229.2 | 147.4 | 372.5 | 7.9 | 6.3 | 129.7 |
| | North Carolina | 38 | 13 | 1.3 | 18.0 | 1.0 | 2.0 | 13.1 | 34.5 | 35.6 | 70.2 | 1.7 | 1.7 | 30.5 |
| | Ohio | 105 | 37 | 3.9 | 73.2 | 2.9 | 5.6 | 50.3 | 158.2 | 111.6 | 273.0 | 3.8 | 4.3 | 110.4 |
| | Oklahoma | 19 | 5 | .6 | 12.0 | .5 | 1.1 | 9.4 | 26.0 | 22.5 | 49.6 | (D) | .6 | 13.0 |
| | Pennsylvania | 108 | 52 | 5.0 | 91.9 | 3.6 | 6.8 | 57.6 | 196.2 | 142.6 | 337.3 | 14.7 | 4.5 | 117.2 |
| | South Carolina | 11 | 6 | .5 | 7.5 | .4 | .7 | 4.5 | 16.6 | 11.9 | 28.0 | (D) | .5 | 9.5 |
| | Tennessee | 42 | 13 | 1.5 | 18.1 | 1.2 | 2.2 | 12.3 | 45.8 | 42.5 | 88.3 | 1.2 | 1.4 | 28.5 |
| | Texas | 120 | 33 | 2.6 | 39.4 | 2.1 | 3.9 | 27.7 | 82.1 | 58.3 | 142.7 | 2.9 | 2.4 | 58.1 |
| | Virginia | 26 | 7 | .9 | 12.4 | .6 | 1.3 | 8.3 | 21.7 | 27.4 | 50.2 | 1.5 | 1.0 | 13.4 |
| | Wisconsin | 50 | 16 | 1.2 | 19.0 | .9 | 1.9 | 13.1 | 41.9 | 30.9 | 72.3 | (D) | .9 | 23.5 |
| 259 | Miscellaneous furniture and fixtures | 1 267 | 348 | 35.8 | 551.1 | 26.5 | 51.4 | 351.5 | 1 238.7 | 1 153.4 | 2 390.1 | 61.3 | 31.7 | 746.9 |
| | California | 203 | 53 | 4.8 | 71.9 | 3.6 | 7.5 | 44.5 | 148.0 | 122.9 | 269.2 | 4.8 | 4.3 | 91.4 |
| | Connecticut | 15 | 6 | .7 | 10.8 | .5 | .9 | 7.1 | 21.1 | 19.8 | 42.2 | .6 | 1.3 | 29.2 |
| | Florida | 124 | 28 | 2.1 | 30.1 | 1.5 | 2.9 | 17.7 | 63.0 | 61.7 | 124.6 | 2.6 | 1.5 | 35.8 |
| | Georgia | 34 | 12 | 1.3 | 17.3 | 1.1 | 2.0 | 14.0 | 41.8 | 25.3 | 64.5 | (D) | 1.0 | 23.5 |
| | Illinois | 70 | 25 | 3.4 | 55.4 | 2.3 | 4.3 | 37.7 | 110.5 | 147.3 | 261.2 | 5.1 | 3.5 | 84.4 |
| | Indiana | 33 | 12 | 1.9 | 37.8 | 1.2 | 2.5 | 16.4 | 91.4 | 50.8 | 143.4 | 4.7 | 1.3 | 44.0 |
| | Maryland | 17 | 7 | 1.2 | 17.5 | .9 | 1.8 | 11.1 | 34.0 | 37.6 | 66.5 | 1.4 | 1.4 | 18.2 |
| | Massachusetts | 32 | 7 | .5 | 9.9 | .4 | .8 | 6.1 | 20.9 | 19.7 | 40.6 | (D) | .4 | 8.8 |
| | Michigan | 31 | 8 | 1.0 | 19.3 | .8 | 1.4 | 12.6 | 90.1 | 71.7 | 165.7 | 2.2 | 2.0 | 90.4 |
| | Mississippi | 16 | 6 | .5 | 3.8 | .4 | .8 | 2.5 | 7.5 | 8.0 | 16.5 | (D) | (NA) | (NA) |
| | Missouri | 23 | 10 | .8 | 15.5 | .6 | 1.1 | 9.3 | 35.1 | 28.0 | 63.1 | .8 | 1.1 | 25.7 |
| | New Jersey | 47 | 14 | 2.0 | 29.1 | 1.7 | 3.0 | 22.9 | 65.6 | 31.3 | 95.9 | 2.2 | 1.8 | 40.6 |
| | New York | 149 | 34 | 3.2 | 43.6 | 2.3 | 4.4 | 27.6 | 97.0 | 96.9 | 194.1 | 7.3 | 2.7 | 56.5 |
| | North Carolina | 35 | 7 | .7 | 7.4 | .6 | 1.1 | 4.9 | 17.2 | 18.8 | 36.1 | .3 | .2 | 2.4 |
| | Ohio | 26 | 10 | .7 | 13.8 | .5 | 1.0 | 8.5 | 25.1 | 25.3 | 50.1 | 1.1 | .6 | 10.1 |
| | Pennsylvania | 47 | 12 | 1.2 | 19.4 | .9 | 1.8 | 12.6 | 47.0 | 44.6 | 91.7 | 3.4 | .9 | 19.5 |
| | Rhode Island | 5 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Tennessee | 22 | 8 | 1.4 | 18.7 | 1.1 | 2.2 | 13.4 | 40.0 | 67.0 | 107.7 | .6 | 1.4 | 32.4 |
| | Texas | 70 | 22 | 1.4 | 21.6 | 1.1 | 2.0 | 14.1 | 49.5 | 59.6 | 110.1 | 2.2 | .9 | 18.1 |
| | Utah | 14 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | AA | (D) |
| | Wisconsin | 25 | 10 | 1.8 | 29.5 | 1.1 | 2.1 | 14.0 | 66.2 | 46.3 | 112.4 | 5.7 | 1.7 | 44.5 |
| 26 | Paper and allied products | 6 381 | 4 090 | 605.6 | 12 947.5 | 461.2 | 923.0 | 9 040.3 | 33 375.7 | 46 620.1 | 79 895.1 | 5 098.3 | 628.7 | 22 170.9 |
| | Alabama | 85 | 59 | 18.8 | 487.7 | 14.8 | 31.5 | 364.6 | 1 704.9 | 1 788.2 | 3 477.8 | 574.8 | 18.8 | 966.3 |
| | Alaska | 3 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Arizona | 33 | 13 | 1.4 | 30.0 | 1.1 | 2.0 | 22.6 | 78.6 | 115.8 | 196.7 | (D) | 1.2 | 47.6 |
| | Arkansas | 76 | 58 | 11.2 | 260.9 | 9.2 | 18.8 | 204.2 | 796.6 | 1 207.4 | 1 999.0 | 176.2 | 10.2 | 409.7 |
| | California | 582 | 355 | 35.5 | 774.2 | 27.2 | 53.2 | 544.1 | 1 978.4 | 3 078.7 | 5 065.2 | 210.0 | 35.9 | 1 309.7 |
| | Colorado | 44 | 28 | 1.9 | 36.3 | 1.4 | 2.8 | 23.7 | 79.4 | 109.6 | 191.0 | 3.3 | 1.9 | 51.3 |
| | Connecticut | 100 | 68 | 7.0 | 141.6 | 5.5 | 11.5 | 97.6 | 485.0 | 459.3 | 940.1 | 44.8 | 7.0 | 236.0 |
| | Delaware | 16 | 13 | 2.7 | 51.5 | 1.8 | 3.7 | 32.4 | 117.6 | 340.0 | 456.9 | 7.0 | FF | (D) |
| | Florida | 161 | 85 | 15.3 | 325.8 | 11.9 | 23.6 | 237.6 | 674.8 | 1 361.4 | 2 013.5 | 203.1 | 15.3 | 541.0 |
| | Georgia | 200 | 138 | 28.0 | 622.7 | 21.4 | 42.0 | 445.6 | 1 724.2 | 2 675.3 | 4 409.9 | 552.8 | 26.2 | 950.4 |
| | Idaho | 10 | 7 | 2.0 | 50.6 | 1.7 | 3.1 | 38.7 | 131.2 | 230.8 | 362.6 | (D) | EE | (D) |
| | Illinois | 453 | 280 | 32.3 | 608.6 | 24.1 | 47.6 | 386.0 | 1 493.8 | 1 855.9 | 3 350.0 | 107.7 | 35.8 | 1 009.1 |
| | Indiana | 174 | 122 | 12.0 | 219.4 | 9.1 | 17.8 | 149.1 | 541.0 | 713.6 | 1 254.9 | 27.5 | 13.5 | 386.9 |
| | Iowa | 55 | 37 | 4.6 | 86.6 | 3.5 | 7.1 | 58.3 | 226.7 | 351.6 | 575.6 | 18.7 | 4.8 | 157.1 |
| | Kansas | 46 | 34 | 4.2 | 76.0 | 3.3 | 6.2 | 49.8 | 233.1 | 247.5 | 481.1 | 19.6 | 3.7 | 117.1 |
| | Kentucky | 62 | 44 | 5.7 | 117.1 | 4.4 | 8.7 | 79.4 | 339.4 | 466.8 | 808.5 | 26.5 | 4.8 | 191.8 |
| | Louisiana | 57 | 45 | 11.0 | 285.0 | 8.5 | 17.3 | 210.8 | 705.8 | 1 275.9 | 1 976.5 | 161.3 | 15.0 | 692.9 |
| | Maine | 44 | 35 | 17.3 | 438.6 | 13.7 | 28.6 | 329.1 | 1 071.7 | 1 604.2 | 2 672.5 | 308.4 | 17.2 | 683.0 |
| | Maryland | 76 | 48 | 9.6 | 179.6 | 6.2 | 12.1 | 99.8 | 419.3 | 437.9 | 850.6 | 63.5 | 10.3 | 338.7 |
| | Massachusetts | 304 | 215 | 26.2 | 493.4 | 19.1 | 39.3 | 310.3 | 1 058.2 | 1 349.8 | 2 411.7 | 86.2 | 29.8 | 767.7 |
| | Michigan | 234 | 144 | 20.0 | 465.8 | 14.9 | 31.3 | 330.4 | 992.3 | 1 572.7 | 2 567.4 | 150.6 | 23.1 | 816.0 |
| | Minnesota | 105 | 62 | 13.3 | 305.0 | 10.4 | 21.0 | 218.6 | 769.8 | 930.6 | 1 700.2 | 94.5 | 12.7 | 570.1 |
| | Mississippi | 47 | 34 | 7.1 | 160.8 | 5.5 | 10.8 | 119.6 | 345.8 | 552.9 | 893.5 | 193.7 | 5.9 | 270.6 |
| | Missouri | 143 | 94 | 12.3 | 230.3 | 9.5 | 18.7 | 159.0 | 680.3 | 869.1 | 1 551.2 | 34.2 | 12.1 | 348.1 |
| | Montana | 3 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|--|---------------------------------|---------------------------------------|--------------------------------|------------------------------|--------------------|---------------------|----------------------------|--|---|--|---|---|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | |
| 26 | Paper and allied products—Con. | | | | | | | | | | | | |
| | Nebraska | 22 | 15 | 1.3 | 23.4 | 1.0 | 1.9 | 15.0 | 48.3 | 71.7 | 120.3 | 1.6 | 1.1 |
| | New Hampshire | 47 | 34 | 6.6 | 131.5 | 4.6 | 9.0 | 77.8 | 322.6 | 411.2 | 740.6 | 27.1 | 6.6 |
| | New Jersey | 397 | 246 | 26.8 | 521.1 | 19.5 | 38.2 | 323.9 | 1 214.6 | 1 505.3 | 2 721.7 | 97.6 | 29.4 |
| | New York | 679 | 365 | 41.2 | 764.1 | 31.8 | 64.0 | 529.2 | 1 641.5 | 2 215.1 | 3 863.0 | 126.7 | 46.1 |
| | North Carolina | 175 | 125 | 20.3 | 423.6 | 15.9 | 32.4 | 299.6 | 1 050.9 | 1 487.1 | 2 524.9 | 178.0 | 19.4 |
| | Ohio | 407 | 245 | 31.1 | 655.5 | 23.5 | 48.0 | 450.8 | 1 351.2 | 1 972.4 | 3 309.3 | 123.8 | 36.7 |
| | Oklahoma | 43 | 22 | 2.6 | 58.9 | 2.1 | 4.2 | 44.5 | 175.7 | 340.2 | 512.9 | (D) | 1.8 |
| | Oregon | 57 | 40 | 8.7 | 243.5 | 6.8 | 12.9 | 182.6 | 620.9 | 1 151.0 | 1 762.4 | 75.1 | 9.1 |
| | Pennsylvania | 380 | 258 | 38.0 | 780.6 | 28.8 | 57.6 | 533.7 | 2 284.4 | 2 967.9 | 5 254.6 | 155.0 | 39.9 |
| | Rhode Island | 56 | 33 | 2.2 | 33.1 | 1.7 | 3.3 | 20.5 | 72.6 | 76.9 | 148.1 | 3.3 | 2.5 |
| | South Carolina | 76 | 49 | 11.8 | 257.7 | 9.3 | 17.8 | 185.9 | 699.9 | 1 032.3 | 1 714.4 | 291.8 | 12.5 |
| | Tennessee | 141 | 104 | 17.1 | 339.7 | 12.9 | 26.4 | 238.1 | 1 054.7 | 1 225.8 | 2 278.1 | 109.2 | 16.5 |
| | Texas | 258 | 155 | 20.9 | 420.3 | 15.5 | 31.2 | 286.4 | 996.1 | 1 643.3 | 2 631.6 | 119.6 | 19.8 |
| | Utah | 16 | 8 | .9 | 16.0 | .8 | 1.5 | 11.9 | 42.9 | 55.9 | 98.2 | 1.7 | .8 |
| | Vermont | 21 | 15 | 2.4 | 44.1 | 1.9 | 3.7 | 33.0 | 149.9 | 161.6 | 309.8 | 7.3 | 2.6 |
| | Virginia | 101 | 74 | 13.6 | 298.3 | 10.2 | 20.5 | 205.7 | 854.0 | 995.5 | 1 829.0 | 82.0 | 13.1 |
| | Washington | 102 | 68 | 15.5 | 420.7 | 11.9 | 21.6 | 308.5 | 947.6 | 1 701.8 | 2 660.7 | 139.8 | 16.9 |
| | West Virginia | 25 | 19 | 1.3 | 20.9 | .9 | 1.7 | 13.7 | 46.8 | 61.8 | 109.6 | 3.0 | 1.6 |
| | Wisconsin | 234 | 183 | 41.3 | 970.8 | 32.0 | 64.5 | 710.1 | 2 997.1 | 3 738.6 | 6 731.1 | 307.2 | 40.0 |
| 261 | Pulp mills | 43 | 41 | 16.7 | 467.5 | 12.8 | 24.8 | 344.1 | 1 113.8 | 1 986.5 | 3 110.4 | 658.6 | 16.2 |
| | Alabama | 2 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | AA |
| | Alaska | 2 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | California | 3 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Florida | 3 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF |
| | Georgia | 4 | 4 | 3.1 | 81.5 | 2.3 | 4.2 | 58.4 | 190.0 | 346.1 | 549.5 | (D) | EE |
| | Louisiana | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Maine | 3 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.8 |
| | Mississippi | 1 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | North Carolina | 3 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | South Carolina | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Tennessee | 3 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .9 |
| | Washington | 5 | 5 | 2.1 | 61.3 | 1.6 | 2.9 | 44.5 | 128.8 | 226.5 | 363.2 | 15.6 | 2.8 |
| | Wisconsin | 4 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| 262 | Paper mills, except building paper .. | 299 | 281 | 129.0 | 3 430.6 | 100.1 | 208.4 | 2 563.6 | 8 954.1 | 12 136.7 | 20 994.6 | 1 856.1 | 127.0 |
| | Alabama | 6 | 6 | 9.7 | 277.4 | 7.6 | 16.0 | 210.9 | 867.7 | 808.2 | 1 663.3 | (D) | 8.1 |
| | Arizona | 3 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) |
| | Arkansas | 3 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.9 |
| | California | 9 | 8 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.9 |
| | Connecticut | 5 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Florida | 2 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Georgia | 6 | 5 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.5 |
| | Kentucky | 3 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Louisiana | 5 | 5 | 3.6 | 110.4 | 2.9 | 6.0 | 84.5 | 294.1 | 452.8 | 744.6 | (D) | 3.6 |
| | Maine | 16 | 16 | 12.9 | 347.4 | 10.3 | 21.3 | 260.5 | 842.8 | 1 277.0 | 2 116.9 | (D) | 12.1 |
| | Maryland | 1 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Massachusetts | 30 | 30 | 5.5 | 119.5 | 4.1 | 8.8 | 85.0 | 249.7 | 386.0 | 638.9 | (D) | 6.3 |
| | Michigan | 22 | 21 | 6.8 | 186.2 | 5.2 | 11.5 | 142.2 | 346.3 | 646.9 | 986.4 | 98.5 | 7.0 |
| | Minnesota | 6 | 6 | 4.4 | 121.7 | 3.6 | 7.3 | 93.6 | 274.1 | 367.3 | 641.7 | 64.3 | 4.3 |
| | Mississippi | 3 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) |
| | New Hampshire | 13 | 12 | 2.6 | 49.5 | 2.0 | 4.1 | 36.6 | 111.8 | 170.5 | 281.5 | (D) | 3.1 |
| | New Jersey | 8 | 6 | 1.8 | 43.1 | 1.3 | 2.7 | 31.6 | 142.2 | 162.9 | 303.9 | 10.7 | 2.1 |
| | New York | 36 | 32 | 7.7 | 187.3 | 5.7 | 12.5 | 139.7 | 415.0 | 682.6 | 1 096.3 | 49.5 | 8.3 |
| | North Carolina | 6 | 6 | 6.5 | 169.6 | 5.0 | 11.2 | 123.9 | 414.5 | 464.2 | 872.7 | (D) | FF |
| | Ohio | 16 | 14 | 7.0 | 182.0 | 5.7 | 12.3 | 134.8 | 376.2 | 522.1 | 883.8 | (D) | 7.2 |
| | Oregon | 7 | 7 | 3.3 | 108.5 | 2.7 | 5.3 | 84.0 | 279.1 | 480.8 | 752.7 | 26.6 | 3.8 |
| | Pennsylvania | 14 | 14 | 7.6 | 194.4 | 5.5 | 11.6 | 132.4 | 574.7 | 727.5 | 1 301.8 | 75.8 | 8.2 |
| | South Carolina | 2 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Tennessee | 4 | 4 | 3.0 | 87.1 | 2.4 | 5.1 | 67.7 | 320.6 | 301.0 | 614.8 | (D) | 2.8 |
| | Texas | 4 | 4 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF |
| | Vermont | 7 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Virginia | 3 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Washington | 13 | 13 | 6.8 | 195.8 | 5.3 | 9.3 | 144.5 | 454.4 | 798.5 | 1 251.4 | 97.9 | 7.0 |
| | Wisconsin | 36 | 35 | 18.1 | 465.8 | 14.6 | 29.7 | 360.1 | 1 341.1 | 1 625.3 | 2 960.7 | (D) | 18.0 |
| 263 | Paperboard mills | 222 | 212 | 55.6 | 1 501.5 | 43.0 | 88.5 | 1 117.7 | 3 739.8 | 5 842.3 | 9 531.1 | 1 286.7 | 67.6 |
| | Alabama | 8 | 8 | 3.9 | 104.9 | 2.9 | 6.5 | 74.9 | 318.4 | 440.6 | 758.6 | (D) | 4.8 |
| | Arkansas | 4 | 4 | 3.1 | 94.3 | 2.5 | 5.3 | 76.8 | 275.7 | 411.5 | 687.2 | (D) | EE |
| | California | 18 | 17 | 2.3 | 60.7 | 1.7 | 3.3 | 44.9 | 156.2 | 235.5 | 391.7 | (D) | 2.7 |
| | Connecticut | 7 | 7 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Florida | 5 | 5 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 3.0 |
| | Georgia | 12 | 12 | 5.9 | 172.3 | 4.5 | 9.5 | 129.8 | 463.4 | 731.4 | 1 186.6 | (D) | 7.2 |
| | Idaho | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Illinois | 7 | 7 | .9 | 23.5 | .8 | 1.6 | 18.3 | 56.3 | 48.4 | 104.6 | (D) | 1.4 |
| | Indiana | 10 | 10 | 1.1 | 24.5 | .9 | 1.7 | 17.3 | 83.8 | 79.8 | 163.6 | (D) | 1.2 |
| | Louisiana | 6 | 6 | 2.8 | 83.2 | 2.1 | 4.2 | 59.8 | 245.4 | 383.0 | 625.8 | (D) | 5.2 |
| | Massachusetts | 5 | 4 | .5 | 11.8 | .4 | .9 | 9.1 | 26.5 | 36.6 | 62.7 | (D) | CC |
| | Michigan | 13 | 11 | 2.6 | 69.0 | 2.0 | 4.5 | 52.0 | 115.0 | 174.8 | 290.6 | 22.4 | FF |
| | Minnesota | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Mississippi | 3 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Montana | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | New Jersey | 10 | 10 | .9 | 18.7 | .7 | 1.5 | 14.3 | 36.8 | 50.6 | 86.7 | (D) | 1.4 |
| | New York | 11 | 9 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.1 |
| | Ohio | 18 | 18 | 2.3 | 56.6 | 1.8 | 4.1 | 44.1 | 143.8 | 162.6 | 305.1 | (D) | 2.7 |
| | Oklahoma | 3 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Oregon | 5 | 5 | 2.0 | 57.7 | 1.5 | 2.7 | 44.9 | 159.2 | 326.5 | 485.3 | (D) | 2.0 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|--|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|------------------------------------|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All employees ² (1,000) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 26 | Paper and allied products—Con. | | | | | | | | | | | | | |
| 263 | Paperboard mills—Con. | | | | | | | | | | | | | |
| | Pennsylvania | 15 | 15 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.8 | 58.6 |
| | South Carolina | 6 | 5 | 3.3 | 88.2 | 2.5 | 4.5 | 60.8 | 151.8 | 288.3 | 421.0 | (D) | 3.9 | 151.3 |
| | Tennessee | 7 | 7 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.4 | 78.3 |
| | Texas | 6 | 6 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Virginia | 9 | 9 | 4.4 | 119.6 | 3.2 | 6.5 | 81.2 | 345.9 | 332.8 | 664.0 | (D) | 4.7 | 253.2 |
| | Washington | 4 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Wisconsin | 6 | 6 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.2 | 49.5 |
| 264 | Miscellaneous converted paper products | 3 006 | 1 597 | 213.3 | 3 960.6 | 161.7 | 319.4 | 2 665.9 | 12 014.1 | 14 658.3 | 26 700.7 | 786.2 | 206.7 | 7 263.0 |
| | Alabama | 32 | 18 | 2.3 | 50.3 | 2.0 | 4.1 | 37.6 | 380.4 | 291.0 | 672.8 | 10.4 | 3.7 | 219.4 |
| | Arkansas | 36 | 26 | 3.4 | 56.2 | 2.9 | 5.5 | 43.2 | 384.3 | 649.3 | 649.3 | 11.0 | 3.2 | 145.7 |
| | California | 311 | 161 | 15.6 | 302.3 | 12.0 | 23.3 | 210.4 | 860.0 | 1 095.8 | 1 968.5 | 72.3 | 14.2 | 540.9 |
| | Colorado | 22 | 10 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Connecticut | 37 | 16 | 1.7 | 35.8 | 1.4 | 3.1 | 27.9 | 205.6 | 151.7 | 356.0 | (D) | 1.7 | 82.5 |
| | Delaware | 4 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Florida | 84 | 39 | 4.6 | 77.3 | 3.7 | 7.2 | 57.5 | 169.4 | 314.4 | 483.0 | (D) | 3.6 | 108.3 |
| | Georgia | 87 | 52 | 8.6 | 153.6 | 6.6 | 12.8 | 109.9 | 526.8 | 711.6 | 1 243.0 | 38.1 | 7.2 | 232.3 |
| | Idaho | 5 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | Illinois | 230 | 123 | 14.6 | 265.5 | 10.7 | 21.3 | 164.5 | 770.3 | 800.5 | 1 570.2 | 50.1 | 15.2 | 456.2 |
| | Indiana | 78 | 48 | 5.4 | 96.4 | 4.1 | 8.3 | 67.2 | 257.0 | 302.7 | 555.6 | 10.0 | 5.6 | 159.2 |
| | Iowa | 31 | 17 | 2.3 | 42.7 | 1.7 | 3.4 | 27.4 | 138.2 | 161.7 | 298.8 | 14.7 | 2.2 | 83.9 |
| | Kansas | 29 | 19 | 2.1 | 33.8 | 1.6 | 3.0 | 22.1 | 119.9 | 97.2 | 218.1 | 11.4 | EE | (D) |
| | Kentucky | 23 | 11 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.6 | 66.5 |
| | Louisiana | 22 | 13 | 1.9 | 36.6 | 1.5 | 2.9 | 26.3 | 73.1 | 149.5 | 222.9 | 4.9 | 2.7 | 80.3 |
| | Maine | 12 | 7 | 2.4 | 45.6 | 1.9 | 4.1 | 37.3 | 127.1 | 113.0 | 239.2 | 5.7 | 2.6 | 103.7 |
| | Maryland | 31 | 15 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Massachusetts | 152 | 92 | 12.6 | 229.4 | 8.8 | 17.9 | 132.1 | 521.7 | 578.9 | 1 102.6 | 43.1 | 13.9 | 359.9 |
| | Michigan | 91 | 46 | 4.9 | 94.3 | 3.7 | 7.2 | 63.6 | 292.1 | 374.3 | 674.2 | (D) | 5.4 | 185.0 |
| | Minnesota | 55 | 21 | 4.9 | 97.9 | 3.9 | 7.9 | 68.2 | 330.3 | 270.7 | 593.2 | 22.7 | 4.5 | 264.0 |
| | Mississippi | 20 | 12 | 1.9 | 32.3 | 1.5 | 2.9 | 22.2 | 98.3 | 102.4 | 197.5 | (D) | EE | (D) |
| | Missouri | 67 | 39 | 6.4 | 121.5 | 5.1 | 9.9 | 86.0 | 406.5 | 498.2 | 904.9 | 25.9 | 5.7 | 181.6 |
| | Nebraska | 11 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .4 | 9.0 |
| | New Hampshire | 22 | 13 | 3.3 | 68.9 | 2.0 | 3.8 | 32.9 | 184.7 | 209.7 | 402.5 | 9.9 | 2.7 | 81.4 |
| | New Jersey | 192 | 111 | 13.0 | 247.7 | 9.0 | 17.5 | 139.9 | 612.9 | 718.6 | 1 331.1 | 43.4 | 12.4 | 401.8 |
| | New York | 387 | 169 | 17.6 | 286.4 | 13.9 | 27.4 | 196.9 | 681.6 | 826.0 | 1 513.7 | 42.6 | 19.0 | 481.9 |
| | North Carolina | 72 | 42 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 4.1 | 201.2 |
| | Ohio | 170 | 79 | 9.9 | 187.1 | 7.0 | 14.1 | 115.4 | 385.5 | 525.7 | 913.6 | 21.4 | 11.5 | 315.3 |
| | Oklahoma | 19 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .2 | 3.7 |
| | Oregon | 27 | 15 | 2.4 | 53.0 | 1.8 | 3.4 | 37.5 | 134.4 | 258.8 | 392.1 | (D) | 2.4 | 112.3 |
| | Pennsylvania | 164 | 95 | 15.2 | 300.5 | 11.6 | 23.0 | 207.0 | 1 094.7 | 1 358.1 | 2 455.5 | 41.2 | 15.3 | 699.5 |
| | Rhode Island | 21 | 11 | .9 | 14.9 | .7 | 1.3 | 9.3 | 39.6 | 47.4 | 85.9 | 1.6 | .8 | 23.2 |
| | South Carolina | 28 | 11 | 4.1 | 78.9 | 3.3 | 6.7 | 61.5 | 270.7 | 302.3 | 572.8 | 47.3 | 3.2 | 115.0 |
| | Tennessee | 48 | 32 | 7.5 | 122.2 | 5.6 | 11.2 | 80.2 | 408.1 | 402.2 | 812.4 | 35.0 | 6.5 | 230.4 |
| | Texas | 122 | 67 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 5.9 | 171.3 |
| | Utah | 11 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .6 | 11.8 |
| | Vermont | 10 | 6 | .8 | 12.1 | .7 | 1.4 | 10.7 | 75.4 | 61.0 | 134.5 | (D) | 1.2 | 47.0 |
| | Virginia | 40 | 28 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Washington | 48 | 21 | 3.0 | 70.7 | 2.3 | 4.4 | 51.5 | 213.2 | 262.6 | 475.6 | 9.3 | 3.2 | 120.0 |
| | West Virginia | 12 | 7 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .7 | 17.4 |
| | Wisconsin | 109 | 73 | 14.8 | 329.3 | 11.0 | 22.3 | 229.9 | 1 272.5 | 1 576.0 | 2 849.5 | 69.3 | 12.8 | 665.5 |
| 265 | Paperboard containers and boxes .. | 2 781 | 1 936 | 187.5 | 3 516.7 | 140.7 | 276.2 | 2 294.3 | 7 395.8 | 11 791.9 | 19 192.3 | 496.1 | 204.1 | 5 296.3 |
| | Alabama | 36 | 24 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Arkansas | 33 | 25 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | California | 241 | 166 | 15.4 | 347.1 | 11.7 | 23.3 | 239.1 | 762.8 | 1 438.5 | 2 202.3 | 54.3 | 16.4 | 514.3 |
| | Colorado | 21 | 17 | 1.2 | 23.5 | .9 | 1.7 | 15.2 | 54.7 | 83.1 | 139.4 | 1.9 | EE | (D) |
| | Connecticut | 51 | 41 | 3.4 | 61.2 | 2.5 | 5.1 | 38.0 | 115.8 | 146.0 | 261.7 | 5.7 | 3.2 | 77.0 |
| | Delaware | 8 | 8 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Florida | 67 | 36 | 3.9 | 67.4 | 2.9 | 5.7 | 44.5 | 148.3 | 290.9 | 439.6 | 23.7 | 3.9 | 103.6 |
| | Georgia | 88 | 64 | 6.7 | 124.4 | 5.1 | 10.2 | 81.7 | 297.7 | 526.5 | 824.1 | (D) | 6.8 | 185.8 |
| | Illinois | 210 | 145 | 16.2 | 307.3 | 12.2 | 23.8 | 193.4 | 635.1 | 961.3 | 1 596.2 | 52.7 | 18.1 | 464.3 |
| | Indiana | 86 | 64 | 5.5 | 98.5 | 4.1 | 7.8 | 64.6 | 200.3 | 331.1 | 535.6 | (D) | 6.5 | 171.2 |
| | Iowa | 21 | 17 | 2.0 | 38.4 | 1.6 | 3.3 | 26.6 | 78.3 | 170.2 | 246.5 | 3.2 | 2.3 | 62.0 |
| | Kansas | 16 | 14 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.8 | 46.2 |
| | Kentucky | 34 | 28 | 2.6 | 48.8 | 1.9 | 3.8 | 33.9 | 100.1 | 170.9 | 270.7 | 5.0 | EE | (D) |
| | Louisiana | 21 | 18 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.2 | 62.3 |
| | Maine | 11 | 7 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .5 | 10.0 |
| | Maryland | 41 | 29 | 6.3 | 102.7 | 3.7 | 6.9 | 46.3 | 202.7 | 243.4 | 447.7 | (D) | 6.8 | 199.2 |
| | Massachusetts | 117 | 89 | 7.7 | 132.6 | 5.9 | 11.6 | 84.1 | 260.3 | 348.4 | 607.5 | (D) | 8.9 | 205.7 |
| | Michigan | 108 | 66 | 5.6 | 116.4 | 4.0 | 8.0 | 72.6 | 238.9 | 376.7 | 616.3 | (D) | 7.7 | 222.6 |
| | Minnesota | 40 | 32 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 3.1 | 103.6 |
| | Mississippi | 19 | 14 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.3 | 29.6 |
| | Missouri | 74 | 53 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 6.2 | 159.9 |
| | Nebraska | 11 | 9 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .7 | 18.0 |
| | New Hampshire | 8 | 6 | .5 | 9.9 | .4 | .8 | 6.3 | 19.1 | 23.9 | 42.9 | .6 | .6 | 12.4 |
| | New Jersey | 184 | 116 | 10.7 | 202.4 | 8.1 | 15.8 | 131.1 | 400.3 | 544.1 | 946.2 | 34.6 | 12.7 | 309.6 |
| | New York | 240 | 152 | 14.8 | 268.8 | 11.3 | 22.4 | 176.4 | 494.0 | 632.2 | 1 128.3 | 20.1 | 17.2 | 392.2 |
| | North Carolina | 91 | 72 | 6.8 | 114.2 | 5.3 | 10.2 | 74.0 | 252.3 | 390.3 | 642.2 | (D) | 6.3 | 155.1 |
| | Ohio | 198 | 129 | 11.7 | 227.0 | 8.8 | 17.3 | 154.4 | 437.2 | 749.5 | 1 185.0 | 30.2 | 15.1 | 374.5 |
| | Oklahoma | 18 | 11 | .8 | 12.2 | .5 | .9 | 7.3 | 28.2 | 49.5 | 78.1 | (D) | CC | (D) |
| | Oregon | 16 | 12 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .5 | 17.4 |
| | Pennsylvania | 184 | 131 | 13.1 | 242.0 | 10.1 | 19.5 | 162.3 | 508.0 | 767.7 | 1 275.9 | 31.5 | 14.1 | 333.2 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|--|---------------------------------|---|--------------------------------|---------------------------------|--------------------|---------------------|-------------------------------|---|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All em- ployees ² (1,000) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 26 | Paper and allied products—Con. | | | | | | | | | | | | | |
| 265 | Paperboard containers and boxes —Con. | | | | | | | | | | | | | |
| | Rhode Island | 35 | 22 | 1.3 | 18.1 | 1.1 | 2.0 | 11.2 | 33.0 | 29.5 | 62.2 | 1.6 | EE | (D) |
| | South Carolina | 39 | 30 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Tennessee | 78 | 57 | 4.7 | 79.6 | 3.5 | 6.9 | 52.9 | 167.5 | 305.6 | 473.0 | (D) | 4.7 | 125.3 |
| | Texas | 126 | 78 | 7.5 | 132.7 | 5.4 | 10.9 | 82.3 | 313.4 | 515.3 | 828.3 | 20.3 | 7.2 | 175.9 |
| | Virginia | 48 | 33 | 3.6 | 66.3 | 2.8 | 5.6 | 45.4 | 133.1 | 253.6 | 384.7 | (D) | 3.5 | 86.0 |
| | Washington | 32 | 25 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | West Virginia | 11 | 10 | .5 | 9.9 | .4 | .7 | 6.7 | 17.0 | 30.4 | 48.0 | (D) | CC | (D) |
| | Wisconsin | 78 | 64 | 6.5 | 130.2 | 4.9 | 9.5 | 86.1 | 259.1 | 393.4 | 651.7 | 17.2 | 7.3 | 196.3 |
| 266 | Building paper and board mills | 30 | 23 | 3.6 | 70.6 | 2.9 | 5.7 | 54.8 | 158.2 | 204.4 | 366.1 | 14.5 | 7.0 | 218.2 |
| | Georgia | 3 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| 27 | Printing and publishing | 53 406 | 10 871 | 1 291.8 | 22 706.9 | 710.9 | 1 313.0 | 11 307.4 | 54 423.4 | 31 377.2 | 85 796.9 | 3 213.2 | 1 092.2 | 31 979.5 |
| | Alabama | 524 | 91 | 9.6 | 136.7 | 5.5 | 10.1 | 71.4 | 379.6 | 256.9 | 635.0 | 60.4 | 7.9 | 224.2 |
| | Alaska | 73 | 14 | 1.4 | 25.7 | .7 | 1.3 | 12.9 | 55.2 | 23.1 | 78.3 | 7.8 | .9 | 21.3 |
| | Arizona | 618 | 97 | 10.8 | 174.6 | 5.8 | 10.6 | 85.4 | 387.0 | 214.2 | 600.8 | 43.3 | 7.5 | 191.2 |
| | Arkansas | 358 | 83 | 10.1 | 127.3 | 7.1 | 12.6 | 80.0 | 404.0 | 199.9 | 598.2 | 22.4 | 7.7 | 203.5 |
| | California | 6 556 | 1 141 | 131.1 | 2 376.0 | 71.0 | 129.2 | 1 185.6 | 5 473.2 | 3 120.2 | 8 592.1 | 372.8 | 97.1 | 2 876.7 |
| | Colorado | 915 | 155 | 18.3 | 294.9 | 9.8 | 16.8 | 139.1 | 718.4 | 335.3 | 1 048.4 | 48.1 | 12.2 | 341.5 |
| | Connecticut | 964 | 239 | 24.7 | 433.1 | 13.9 | 25.9 | 216.2 | 938.2 | 556.8 | 1 497.2 | 55.8 | 19.6 | 504.8 |
| | Delaware | 106 | 25 | 2.3 | 38.3 | 1.4 | 2.5 | 20.1 | 84.6 | 38.8 | 123.3 | (D) | 1.7 | 43.7 |
| | District of Columbia | 324 | 77 | 11.7 | 266.7 | 4.3 | 8.1 | 88.0 | 774.1 | 502.2 | 1 278.9 | (D) | 13.8 | 508.7 |
| | Florida | 2 391 | 337 | 44.6 | 670.2 | 22.0 | 40.9 | 301.3 | 1 703.1 | 847.4 | 2 548.6 | 122.1 | 29.8 | 789.0 |
| | Georgia | 1 086 | 195 | 24.4 | 375.7 | 13.7 | 26.4 | 201.0 | 856.4 | 533.3 | 1 385.9 | 58.4 | 16.9 | 422.7 |
| | Hawaii | 177 | 34 | 3.2 | 53.2 | 1.7 | 2.9 | 27.2 | 126.7 | 54.4 | 181.1 | 4.2 | 2.5 | 94.5 |
| | Idaho | 177 | 29 | 2.8 | 37.8 | 1.5 | 2.7 | 19.8 | 88.8 | 37.6 | 125.8 | 3.1 | 2.2 | 51.5 |
| | Illinois | 3 324 | 802 | 101.8 | 2 031.7 | 59.9 | 114.0 | 1 113.7 | 4 659.2 | 2 871.3 | 7 530.9 | 278.0 | 100.5 | 3 122.5 |
| | Indiana | 1 058 | 238 | 28.3 | 475.4 | 16.5 | 30.9 | 273.1 | 1 005.3 | 609.1 | 1 624.5 | 63.4 | 26.1 | 712.6 |
| | Iowa | 791 | 164 | 17.6 | 270.2 | 9.0 | 16.0 | 128.0 | 662.7 | 477.5 | 1 140.1 | 29.6 | 14.6 | 413.4 |
| | Kansas | 617 | 151 | 16.8 | 261.9 | 11.1 | 20.0 | 159.0 | 970.3 | 359.0 | 1 329.3 | 27.9 | 13.3 | 468.8 |
| | Kentucky | 540 | 119 | 15.0 | 246.6 | 9.7 | 18.0 | 146.2 | 731.7 | 372.1 | 1 105.8 | 58.0 | 13.7 | 396.2 |
| | Louisiana | 551 | 101 | 9.7 | 145.2 | 5.5 | 10.0 | 76.3 | 351.9 | 188.2 | 540.7 | 37.0 | 7.7 | 193.5 |
| | Maine | 223 | 37 | 3.9 | 54.3 | 2.2 | 3.9 | 26.4 | 110.7 | 46.6 | 156.8 | 5.5 | 2.9 | 61.0 |
| | Maryland | 880 | 228 | 22.2 | 400.2 | 14.2 | 26.9 | 232.0 | 826.6 | 535.0 | 1 359.9 | 58.1 | 20.4 | 496.6 |
| | Massachusetts | 1 597 | 406 | 48.0 | 838.9 | 26.0 | 47.0 | 395.4 | 1 960.4 | 1 008.1 | 2 971.1 | 113.6 | 41.8 | 1 181.8 |
| | Michigan | 1 708 | 317 | 35.1 | 646.9 | 19.8 | 36.5 | 331.5 | 1 357.6 | 869.5 | 2 227.7 | 64.5 | 33.4 | 959.9 |
| | Minnesota | 1 200 | 265 | 34.8 | 621.7 | 21.4 | 36.6 | 342.5 | 1 222.5 | 721.5 | 1 938.7 | 92.4 | 28.9 | 751.6 |
| | Mississippi | 293 | 54 | 6.1 | 84.7 | 3.4 | 6.2 | 43.4 | 197.0 | 112.3 | 307.7 | 18.6 | 4.5 | 93.8 |
| | Missouri | 1 338 | 270 | 35.4 | 627.2 | 18.5 | 33.4 | 286.0 | 1 181.8 | 767.8 | 1 928.0 | 53.3 | 31.6 | 733.0 |
| | Montana | 173 | 23 | 2.3 | 29.7 | 1.2 | 1.9 | 13.5 | 79.8 | 26.4 | 106.6 | 2.6 | 1.8 | 47.4 |
| | Nebraska | 407 | 83 | 7.7 | 110.2 | 4.8 | 8.5 | 61.3 | 244.4 | 156.1 | 399.2 | 13.8 | 6.3 | 150.7 |
| | Nevada | 179 | 21 | 2.8 | 40.7 | 1.8 | 3.2 | 24.9 | 111.9 | 53.0 | 165.1 | 5.8 | 2.1 | 56.3 |
| | New Hampshire | 274 | 62 | 6.5 | 94.8 | 4.0 | 7.6 | 53.0 | 236.6 | 147.1 | 383.8 | 12.1 | 5.1 | 106.2 |
| | New Jersey | 2 173 | 475 | 53.7 | 950.6 | 29.7 | 54.9 | 479.3 | 2 130.0 | 1 162.1 | 3 290.4 | 163.9 | 45.4 | 1 166.0 |
| | New Mexico | 232 | 33 | 3.3 | 46.6 | 1.5 | 2.7 | 18.8 | 109.7 | 48.7 | 158.6 | 3.0 | 2.6 | 62.1 |
| | New York | 5 924 | 1 285 | 168.0 | 3 501.0 | 73.7 | 139.0 | 1 321.1 | 10 156.6 | 5 718.0 | 15 875.3 | 372.8 | 154.3 | 6 351.9 |
| | North Carolina | 1 074 | 212 | 20.7 | 295.3 | 12.4 | 23.0 | 157.9 | 662.5 | 379.4 | 1 043.0 | 57.6 | 15.7 | 362.2 |
| | North Dakota | 151 | 26 | 2.1 | 28.1 | 1.1 | 2.0 | 14.4 | 59.7 | 25.3 | 84.9 | 2.0 | 1.7 | 35.7 |
| | Ohio | 2 121 | 510 | 62.3 | 1 126.4 | 36.3 | 69.1 | 617.5 | 2 495.0 | 1 391.8 | 3 890.0 | 111.3 | 60.0 | 1 687.2 |
| | Oklahoma | 667 | 95 | 11.1 | 170.2 | 6.1 | 11.3 | 81.2 | 410.9 | 208.2 | 620.0 | 18.5 | 9.0 | 219.0 |
| | Oregon | 657 | 99 | 10.1 | 168.6 | 5.7 | 9.8 | 88.4 | 376.2 | 233.8 | 608.8 | 21.3 | 7.9 | 213.6 |
| | Pennsylvania | 2 186 | 563 | 73.9 | 1 276.1 | 43.0 | 79.7 | 683.5 | 2 938.1 | 1 817.2 | 4 770.5 | 164.0 | 68.6 | 1 875.4 |
| | Rhode Island | 227 | 48 | 5.8 | 102.7 | 3.8 | 6.9 | 55.5 | 207.3 | 116.7 | 322.0 | 7.2 | 4.9 | 127.3 |
| | South Carolina | 434 | 77 | 8.2 | 113.6 | 4.8 | 8.7 | 59.4 | 266.0 | 138.1 | 403.7 | 29.0 | 5.9 | 134.0 |
| | South Dakota | 185 | 27 | 2.4 | 30.0 | 1.3 | 2.2 | 14.3 | 68.3 | 36.6 | 104.9 | 3.6 | 1.7 | 37.1 |
| | Tennessee | 963 | 200 | 27.7 | 412.2 | 16.1 | 30.1 | 224.7 | 906.4 | 586.2 | 1 494.8 | 49.5 | 23.8 | 509.7 |
| | Texas | 3 177 | 563 | 65.7 | 1 044.8 | 37.2 | 69.7 | 546.7 | 2 461.2 | 1 393.5 | 3 852.4 | 198.4 | 47.4 | 1 159.9 |
| | Utah | 298 | 62 | 5.7 | 82.6 | 3.4 | 6.3 | 45.0 | 245.0 | 125.9 | 370.5 | 11.3 | 4.6 | 111.3 |
| | Vermont | 173 | 41 | 4.1 | 61.2 | 2.7 | 5.2 | 38.2 | 144.5 | 85.3 | 230.1 | 7.3 | 3.5 | 78.3 |
| | Virginia | 969 | 227 | 23.9 | 395.8 | 14.6 | 27.4 | 216.7 | 1 008.2 | 682.8 | 1 701.4 | 62.6 | 17.5 | 523.7 |
| | Washington | 893 | 139 | 16.2 | 291.1 | 8.1 | 15.0 | 139.6 | 589.5 | 276.2 | 864.7 | 52.5 | 11.3 | 305.4 |
| | West Virginia | 200 | 35 | 4.3 | 59.9 | 2.4 | 4.2 | 31.9 | 145.5 | 89.2 | 234.9 | (D) | 4.1 | 100.4 |
| | Wisconsin | 1 175 | 280 | 32.1 | 541.7 | 18.8 | 34.0 | 310.4 | 1 103.8 | 805.9 | 1 911.9 | 82.5 | 26.9 | 681.4 |
| | Wyoming | 105 | 20 | 1.4 | 17.9 | .7 | 1.2 | 8.4 | 39.3 | 15.3 | 54.6 | 4.8 | .9 | 19.4 |
| 271 | Newspapers | 8 846 | 2 554 | 401.5 | 6 554.7 | 147.2 | 259.3 | 2 386.6 | 15 275.3 | 6 006.4 | 21 276.3 | 1 029.2 | 349.9 | 9 519.1 |
| | Alabama | 126 | 31 | 3.9 | 52.8 | 1.6 | 2.7 | 19.6 | 139.7 | 48.6 | 188.3 | (D) | FF | (D) |
| | Alaska | 29 | 7 | .9 | 15.5 | .4 | .7 | 6.9 | 34.5 | 11.8 | 46.4 | (D) | .6 | 14.9 |
| | Arizona | 87 | 29 | 5.2 | 89.4 | 1.7 | 3.0 | 29.6 | 199.3 | 85.8 | 285.1 | (D) | 3.9 | 106.3 |
| | Arkansas | 125 | 39 | 3.3 | 38.2 | 1.4 | 2.5 | 13.9 | 82.8 | 32.8 | 115.7 | 4.7 | 2.8 | 60.3 |
| | California | 685 | 248 | 46.1 | 828.6 | 14.8 | 26.4 | 277.6 | 1 894.3 | 797.6 | 2 692.7 | 176.8 | 34.4 | 1 050.9 |
| | Colorado | 144 | 38 | 6.7 | 101.7 | 2.2 | 3.6 | 32.6 | 223.2 | 110.2 | 333.4 | (D) | 4.6 | 123.7 |
| | Connecticut | 104 | 41 | 6.9 | 108.9 | 2.2 | 3.8 | 34.1 | 236.9 | 79.3 | 316.1 | 10.8 | 6.1 | 140.5 |
| | Delaware | 21 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | District of Columbia | 34 | 8 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Florida | 299 | 82 | 21.9 | 328.7 | 6.4 | 11.7 | 93.5 | 962.1 | 359.1 | 1 321.0 | (D) | 15.8 | 473.4 |
| | Georgia | 201 | 45 | 9.1 | 114.3 | 2.6 | 5.1 | 34.5 | 291.9 | 106.0 | 391.9 | (D) | FF | (D) |
| | Hawaii | 28 | 12 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.5 | 67.2 |
| | Idaho | 60 | 17 | 1.6 | 20.9 | .6 | 1.1 | 8.0 | 50.7 | 14.7 | 65.3 | 1.4 | 1.4 | 30.9 |
| | Illinois | 451 | 126 | 19.6 | 352.6 | | | | | | | | | |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|------------------------------------|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|------------------------------------|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All employees ² (1,000) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 27 | Printing and publishing—Con. | | | | | | | | | | | | | |
| 271 | Newspapers—Con. | | | | | | | | | | | | | |
| | Maryland | 83 | 31 | 4.8 | 91.7 | 1.9 | 3.7 | 32.2 | 202.3 | 71.8 | 274.1 | (D) | FF | (D) |
| | Massachusetts | 214 | 70 | 13.5 | 231.2 | 4.3 | 7.5 | 73.4 | 563.8 | 178.4 | 742.2 | (D) | 12.5 | 360.1 |
| | Michigan | 269 | 79 | 12.5 | 229.6 | 4.5 | 7.6 | 77.9 | 454.1 | 208.0 | 662.2 | 12.2 | FF | (D) |
| | Minnesota | 311 | 62 | 8.3 | 140.1 | 3.4 | 5.1 | 54.2 | 264.9 | 99.3 | 364.2 | 18.7 | FF | (D) |
| | Mississippi | 102 | 30 | 2.9 | 36.4 | 1.1 | 1.8 | 11.1 | 80.3 | 32.3 | 112.6 | 5.3 | EE | (D) |
| | Missouri | 297 | 59 | 8.2 | 132.1 | 3.3 | 5.7 | 49.3 | 304.7 | 125.7 | 430.5 | (D) | FF | (D) |
| | Montana | 69 | 14 | 1.5 | 18.2 | .5 | .9 | 6.3 | 50.4 | 11.9 | 62.3 | 1.4 | 1.2 | 34.5 |
| | Nebraska | 149 | 33 | 3.1 | 39.8 | 1.4 | 2.6 | 15.3 | 97.6 | 34.8 | 132.3 | 4.3 | 2.8 | 71.2 |
| | Nevada | 38 | 10 | 1.5 | 21.9 | .9 | 1.6 | 13.8 | 63.3 | 23.9 | 87.2 | 3.6 | 1.0 | 30.3 |
| | New Hampshire | 46 | 19 | 1.4 | 20.5 | .6 | 1.1 | 8.8 | 42.8 | 12.3 | 55.1 | (D) | 1.3 | 28.4 |
| | New Jersey | 223 | 68 | 12.8 | 201.9 | 3.9 | 7.1 | 66.5 | 489.8 | 200.6 | 690.4 | 76.5 | 11.8 | 293.7 |
| | New Mexico | 58 | 21 | 2.0 | 30.5 | .7 | 1.2 | 9.2 | 74.0 | 27.4 | 101.5 | (D) | 1.8 | 45.0 |
| | New York | 541 | 144 | 31.2 | 712.0 | 13.6 | 24.3 | 328.0 | 1 573.8 | 622.9 | 2 196.3 | 64.1 | 30.3 | 956.7 |
| | North Carolina | 203 | 75 | 8.2 | 114.8 | 3.3 | 5.9 | 41.7 | 261.3 | 94.7 | 356.0 | 31.9 | FF | (D) |
| | North Dakota | 83 | 15 | 1.5 | 19.0 | .7 | 1.2 | 8.7 | 43.0 | 13.7 | 56.8 | (D) | 1.2 | 25.7 |
| | Ohio | 303 | 119 | 18.4 | 306.5 | 7.3 | 13.3 | 122.9 | 653.1 | 249.5 | 902.6 | (D) | FF | (D) |
| | Oklahoma | 189 | 41 | 5.1 | 71.6 | 2.0 | 3.7 | 24.2 | 187.0 | 66.2 | 253.1 | 9.5 | FF | (D) |
| | Oregon | 126 | 40 | 4.5 | 72.1 | 1.7 | 2.9 | 25.6 | 165.7 | 72.6 | 238.4 | 5.3 | 3.8 | 100.1 |
| | Pennsylvania | 302 | 124 | 22.9 | 379.0 | 8.9 | 14.8 | 144.3 | 777.7 | 332.6 | 1 110.2 | 36.5 | FF | (D) |
| | Rhode Island | 21 | 9 | 2.2 | 40.2 | 1.2 | 2.0 | 14.6 | 76.8 | 23.6 | 100.4 | 1.1 | EE | (D) |
| | South Carolina | 108 | 30 | 3.8 | 49.8 | 1.6 | 2.7 | 18.2 | 122.4 | 45.1 | 167.4 | (D) | 3.1 | 76.8 |
| | South Dakota | 105 | 13 | 1.3 | 14.8 | .5 | .9 | 5.4 | 36.9 | 11.6 | 48.5 | (D) | 1.0 | 24.9 |
| | Tennessee | 166 | 43 | 7.7 | 94.5 | 2.6 | 4.5 | 29.8 | 245.8 | 79.9 | 325.8 | (D) | FF | (D) |
| | Texas | 596 | 151 | 25.7 | 357.8 | 9.0 | 16.0 | 125.7 | 982.1 | 435.2 | 1 417.0 | (D) | 19.2 | 506.7 |
| | Utah | 56 | 18 | 2.3 | 32.4 | .9 | 1.5 | 11.5 | 112.1 | 47.4 | 159.6 | 5.7 | 1.8 | 44.6 |
| | Vermont | 49 | 12 | 1.0 | 11.7 | .4 | .6 | 3.8 | 30.3 | 9.5 | 39.8 | 1.0 | CC | (D) |
| | Virginia | 143 | 54 | 7.0 | 99.8 | 2.8 | 5.0 | 35.0 | 241.0 | 93.7 | 334.7 | (D) | 17.5 | 523.7 |
| | Washington | 179 | 53 | 8.9 | 163.6 | 3.2 | 6.1 | 61.3 | 335.9 | 115.7 | 451.5 | 30.7 | 16.6 | 187.3 |
| | West Virginia | 84 | 21 | 2.7 | 33.4 | 1.2 | 2.0 | 13.0 | 82.7 | 27.4 | 110.1 | (D) | 2.6 | 63.5 |
| | Wisconsin | 239 | 72 | 9.7 | 127.3 | 3.4 | 6.1 | 45.5 | 294.1 | 107.1 | 402.0 | 8.2 | 8.3 | 196.9 |
| | Wyoming | 52 | 15 | 1.0 | 12.3 | .4 | .8 | 4.9 | 29.0 | 7.7 | 36.6 | 4.4 | .6 | 14.1 |
| 272 | Periodicals | 3 328 | 690 | 94.0 | 1 986.1 | 17.4 | 31.9 | 243.2 | 6 910.9 | 4 568.1 | 11 478.0 | 194.8 | 69.9 | 3 762.7 |
| | California | 455 | 87 | 7.4 | 146.4 | 1.9 | 3.3 | 25.9 | 523.9 | 325.5 | 852.5 | 11.5 | 4.6 | 218.2 |
| | Colorado | 55 | 12 | .8 | 14.9 | .2 | .5 | 2.7 | 42.5 | 24.4 | 66.8 | (D) | .7 | 23.8 |
| | Connecticut | 92 | 23 | 1.6 | 33.1 | .3 | .6 | 4.1 | 102.9 | 59.4 | 161.4 | 1.8 | .8 | 36.6 |
| | District of Columbia | 67 | 22 | 3.2 | 73.2 | .5 | 1.0 | 6.1 | 290.9 | 212.4 | 506.3 | (D) | FF | (D) |
| | Florida | 182 | 16 | 1.8 | 30.5 | .4 | .7 | 3.7 | 102.4 | 71.2 | 173.5 | (D) | .7 | 22.4 |
| | Georgia | 56 | 10 | .8 | 14.2 | .2 | .3 | 2.6 | 40.5 | 22.3 | 62.8 | (D) | .5 | 18.4 |
| | Illinois | 217 | 56 | 10.7 | 228.5 | 2.9 | 5.0 | 53.8 | 612.4 | 380.7 | 992.9 | 19.7 | 6.4 | 287.5 |
| | Indiana | 43 | 12 | .8 | 10.6 | .3 | .5 | 2.3 | 24.6 | 14.1 | 38.2 | (D) | .6 | 10.1 |
| | Iowa | 29 | 7 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Maryland | 66 | 12 | .8 | 13.9 | .1 | .3 | 1.4 | 41.8 | 25.7 | 67.3 | (D) | .5 | 13.0 |
| | Massachusetts | 115 | 25 | 2.8 | 65.3 | .6 | 1.0 | 7.3 | 171.8 | 97.7 | 268.4 | (D) | 1.5 | 71.4 |
| | Michigan | 78 | 13 | 1.1 | 19.7 | .3 | .4 | 2.9 | 51.5 | 34.9 | 86.4 | 1.8 | .6 | 24.5 |
| | Minnesota | 50 | 8 | 1.6 | 32.1 | .7 | 1.0 | 13.8 | 84.8 | 55.7 | 139.4 | 2.9 | 1.2 | 39.8 |
| | Missouri | 64 | 12 | 2.1 | 31.8 | .7 | 1.4 | 8.8 | 89.0 | 40.0 | 129.9 | (D) | 1.8 | 40.7 |
| | New Hampshire | 24 | 6 | .5 | 8.8 | .1 | .2 | 1.1 | 31.6 | 35.6 | 66.9 | (D) | .3 | 6.3 |
| | New Jersey | 109 | 22 | 2.5 | 46.2 | .5 | .8 | 5.8 | 130.6 | 91.8 | 221.1 | 2.5 | 1.2 | 39.7 |
| | New York | 603 | 183 | 34.8 | 853.4 | 2.9 | 5.5 | 40.7 | 3 268.8 | 2 225.4 | 5 499.4 | 84.9 | 28.8 | 2 004.7 |
| | Ohio | 86 | 30 | 3.1 | 56.4 | .7 | 1.4 | 9.6 | 189.9 | 94.8 | 285.0 | (D) | 2.9 | 128.2 |
| | Oklahoma | 26 | 2 | .6 | 13.1 | .2 | .4 | 3.1 | 38.6 | 8.7 | 47.2 | .8 | BB | (D) |
| | Pennsylvania | 109 | 23 | 4.5 | 80.3 | 1.1 | 2.1 | 15.5 | 408.4 | 295.8 | 702.0 | 7.7 | 4.1 | 279.7 |
| | Tennessee | 42 | 9 | 2.5 | 37.0 | .6 | 1.0 | 5.0 | 78.9 | 44.0 | 121.5 | (D) | 2.2 | 43.5 |
| | Texas | 174 | 26 | 2.2 | 42.4 | .7 | 1.4 | 9.6 | 125.3 | 63.8 | 188.7 | (D) | 1.6 | 47.2 |
| | Virginia | 74 | 11 | .9 | 13.6 | .3 | .6 | 3.6 | 30.8 | 17.7 | 48.6 | (D) | .2 | 8.5 |
| | Washington | 53 | 7 | .5 | 10.8 | .1 | .2 | 2.4 | 29.9 | 18.6 | 48.3 | 1.2 | .4 | 13.7 |
| | Wisconsin | 74 | 12 | .9 | 14.4 | .2 | .4 | 2.3 | 49.5 | 24.6 | 71.4 | 1.2 | .6 | 19.5 |
| 273 | Books | 2 811 | 727 | 111.7 | 2 089.8 | 49.7 | 95.5 | 779.6 | 6 721.4 | 3 368.2 | 10 132.4 | 272.7 | 106.4 | 4 291.1 |
| | California | 404 | 81 | 7.3 | 130.7 | 3.0 | 6.1 | 40.9 | 399.0 | 202.0 | 599.4 | 10.6 | 6.0 | 208.8 |
| | Colorado | 40 | 7 | .9 | 14.1 | .6 | 1.0 | 8.5 | 43.8 | 10.9 | 54.5 | (D) | CC | (D) |
| | Connecticut | 68 | 18 | 1.6 | 35.9 | .5 | 1.0 | 7.9 | 75.3 | 51.0 | 128.3 | 6.4 | .6 | 24.7 |
| | Florida | 100 | 14 | 1.2 | 18.3 | .7 | 1.4 | 9.9 | 47.9 | 27.4 | 73.3 | 1.0 | 1.1 | 34.1 |
| | Georgia | 40 | 11 | .9 | 16.1 | .5 | 1.0 | 8.2 | 31.2 | 15.1 | 46.3 | .6 | .6 | 14.1 |
| | Illinois | 178 | 56 | 7.9 | 161.6 | 1.7 | 3.7 | 29.2 | 702.5 | 285.5 | 993.9 | 19.8 | 8.0 | 465.0 |
| | Indiana | 37 | 14 | 3.5 | 71.9 | 2.2 | 4.2 | 45.0 | 146.1 | 87.3 | 240.0 | 3.8 | 4.6 | 152.5 |
| | Iowa | 22 | 5 | .6 | 9.7 | .2 | .5 | 3.4 | 28.1 | 16.3 | 44.4 | 1.2 | CC | (D) |
| | Kansas | 23 | 9 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.6 | 29.3 |
| | Kentucky | 16 | 9 | 1.3 | 19.6 | 1.0 | 1.5 | 13.9 | 34.7 | 25.4 | 63.3 | (D) | CC | (D) |
| | Maryland | 64 | 21 | 1.9 | 34.9 | 1.2 | 2.0 | 20.8 | 57.5 | 52.3 | 110.0 | 5.2 | 2.8 | 64.0 |
| | Massachusetts | 139 | 41 | 7.5 | 144.3 | 3.2 | 6.2 | 56.1 | 471.0 | 224.4 | 703.4 | 9.9 | 7.0 | 294.7 |
| | Michigan | 60 | 19 | 2.3 | 36.4 | 1.6 | 3.0 | 22.9 | 89.4 | 61.7 | 153.1 | 2.4 | 2.4 | 68.6 |
| | Minnesota | 39 | 10 | 4.0 | 81.9 | 2.4 | 4.1 | 40.2 | 167.4 | 79.9 | 244.4 | (D) | 3.6 | 114.8 |
| | Missouri | 53 | 16 | 2.5 | 39.7 | 1.4 | 2.6 | 19.8 | 100.8 | 50.8 | 151.0 | 7.1 | 3.2 | 79.3 |
| | New Jersey | 138 | 39 | 6.3 | 121.8 | 1.6 | 3.1 | 22.7 | 324.3 | 141.0 | 472.9 | 9.2 | 4.4 | 135.5 |
| | New York | 549 | 154 | 26.3 | 533.5 | 6.1 | 12.8 | 98.9 | 2 437.5 | 1 179.2 | 3 622.3 | 81.4 | 27.0 | 1 590.3 |
| | North Carolina | 37 | 10 | 1.3 | 18.0 | .8 | 1.6 | 9.9 | 43.7 | 19.2 | 63.7 | 1.1 | .9 | 19.5 |
| | Ohio | 69 | 21 | 6.1 | 125.7 | 3.7 | 7.2 | 72.1 | 357.2 | 140.4 | 494.4 | 21.7 | 4.1 | 192.3 |
| | Pennsylvania | 122 | 47 | 7.2 | 120.6 | 4.5 | 8.4 | 63.9 | 298.7 | 161.8 | 456.7 | 23.1 | 6.3 | 168.4 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|-------------|------------------------------------|---------------------------------|---|--------------------------------|------------------------------|--------------------|---------------------|----------------------------|---|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All em- ployees ² (1,000) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 27 | Printing and publishing—Con. | | | | | | | | | | | | | |
| 273 | Books—Con. | | | | | | | | | | | | | |
| | Tennessee | 50 | 16 | 5.2 | 80.1 | 3.5 | 6.5 | 48.7 | 158.1 | 107.2 | 269.6 | 5.8 | 5.4 | 111.7 |
| | Texas | 112 | 25 | 3.8 | 67.0 | 2.2 | 3.9 | 30.2 | 130.3 | 56.0 | 186.0 | 8.5 | 2.9 | 70.1 |
| | Vermont | 14 | 6 | .9 | 14.2 | .7 | 1.5 | 10.3 | 21.8 | 13.4 | 35.0 | 1.2 | 1.0 | 17.8 |
| | Virginia | 54 | 18 | 2.6 | 49.9 | 1.4 | 2.8 | 20.8 | 205.8 | 93.8 | 309.7 | 4.0 | 2.0 | 163.3 |
| | Wisconsin | 47 | 15 | 3.6 | 70.7 | 2.3 | 4.4 | 43.8 | 129.1 | 147.5 | 279.7 | 11.2 | 3.6 | 96.0 |
| 274 | Miscellaneous publishing | 2 057 | 430 | 45.3 | 705.9 | 17.9 | 29.2 | 206.2 | 1 958.2 | 909.6 | 2 871.3 | 67.1 | 42.1 | 1 290.7 |
| | Arkansas | 9 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) | (NA) |
| | California | 310 | 57 | 5.4 | 78.5 | 2.7 | 4.0 | 29.2 | 210.6 | 88.0 | 298.4 | 4.0 | 4.5 | 126.7 |
| | Colorado | 34 | 11 | 1.8 | 29.2 | .8 | 1.4 | 10.3 | 120.2 | 23.1 | 142.8 | (D) | 1.2 | 48.5 |
| | Connecticut | 45 | 13 | 1.1 | 15.6 | .4 | .7 | 5.0 | 44.5 | 17.7 | 62.3 | .6 | 1.0 | 25.4 |
| | District of Columbia | 28 | 4 | .9 | 21.9 | .1 | .2 | 2.2 | 68.2 | 18.1 | 86.2 | (D) | CC | (D) |
| | Florida | 103 | 25 | 2.1 | 31.6 | .9 | 1.7 | 11.6 | 64.6 | 25.9 | 90.4 | (D) | 1.1 | 23.2 |
| | Georgia | 37 | 10 | .6 | 8.7 | .3 | .6 | 2.8 | 17.7 | 8.9 | 26.6 | (D) | .3 | 7.2 |
| | Illinois | 109 | 31 | 2.7 | 46.7 | 1.0 | 1.7 | 14.5 | 134.7 | 161.6 | 295.5 | 1.3 | 5.0 | 198.5 |
| | Indiana | 24 | 7 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.1 | 43.5 |
| | Iowa | 46 | 8 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .4 | 8.7 |
| | Kansas | 28 | 11 | 1.5 | 20.8 | 1.0 | 1.5 | 13.7 | 91.1 | 27.3 | 118.7 | 2.3 | EE | (D) |
| | Maryland | 33 | 8 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .5 | 19.1 |
| | Massachusetts | 50 | 10 | .6 | 8.2 | .2 | .4 | 1.6 | 22.6 | 12.7 | 34.8 | (D) | .5 | 18.8 |
| | Michigan | 71 | 20 | 2.4 | 40.1 | 1.3 | 2.4 | 18.2 | 115.5 | 40.6 | 156.3 | 3.8 | 2.6 | 105.4 |
| | Minnesota | 49 | 14 | 1.1 | 18.5 | .5 | .8 | 5.7 | 42.1 | 23.1 | 64.8 | 7.1 | .8 | 16.2 |
| | Missouri | 33 | 9 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.4 | 24.2 |
| | New Jersey | 73 | 10 | 1.8 | 28.0 | .9 | 1.3 | 13.3 | 76.1 | 22.5 | 97.3 | (D) | 4.7 | 101.9 |
| | New York | 326 | 60 | 9.6 | 174.2 | 2.0 | 3.1 | 20.4 | 432.3 | 173.3 | 605.0 | 14.9 | 8.0 | 256.6 |
| | North Carolina | 28 | 4 | .5 | 6.8 | .3 | .5 | 3.7 | 18.5 | 7.0 | 25.6 | .2 | (NA) | (NA) |
| | Ohio | 53 | 11 | 1.2 | 17.5 | .5 | .8 | 4.3 | 31.4 | 31.8 | 69.6 | (D) | 1.4 | 31.7 |
| | Pennsylvania | 64 | 15 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .8 | 36.5 |
| | Tennessee | 63 | 13 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .4 | 9.3 |
| | Texas | 100 | 19 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.2 | 25.0 |
| | Virginia | 45 | 13 | 1.0 | 17.0 | .3 | .5 | 2.8 | 45.5 | 30.7 | 76.9 | (D) | .9 | 17.5 |
| | Wisconsin | 49 | 12 | .9 | 8.9 | .4 | .5 | 3.0 | 18.6 | 11.1 | 29.8 | .5 | .4 | 9.6 |
| 275 | Commercial printing | 29 735 | 4 551 | 451.7 | 8 087.4 | 339.4 | 635.7 | 5 500.2 | 15 738.2 | 11 979.0 | 27 699.8 | 1 266.0 | 356.0 | 8 551.2 |
| | Alabama | 302 | 40 | 3.9 | 54.6 | 2.9 | 5.4 | 38.4 | 123.2 | 85.1 | 207.9 | 15.1 | 2.6 | 68.9 |
| | Arizona | 375 | 39 | 3.7 | 54.7 | 2.8 | 5.2 | 38.8 | 111.3 | 84.3 | 195.3 | 11.9 | 2.0 | 45.5 |
| | Arkansas | 174 | 28 | 2.4 | 38.1 | 1.8 | 3.6 | 25.9 | 74.2 | 57.1 | 131.7 | 6.9 | 1.9 | 38.5 |
| | California | 3 871 | 457 | 47.6 | 871.7 | 35.4 | 64.1 | 588.9 | 1 711.9 | 1 251.9 | 2 961.8 | 132.2 | 34.0 | 862.1 |
| | Colorado | 532 | 62 | 5.2 | 81.3 | 4.0 | 7.1 | 56.2 | 171.2 | 106.1 | 275.7 | 14.7 | 3.0 | 71.1 |
| | Connecticut | 522 | 95 | 9.3 | 161.9 | 7.3 | 13.9 | 113.8 | 315.5 | 243.5 | 559.5 | 26.8 | 7.7 | 186.2 |
| | Delaware | 60 | 14 | .9 | 14.6 | .7 | 1.2 | 9.7 | 27.4 | 16.5 | 43.7 | 2.9 | .7 | 13.5 |
| | District of Columbia | 122 | 28 | 2.3 | 47.8 | 1.7 | 3.3 | 34.0 | 88.2 | 88.3 | 176.4 | 4.2 | 2.1 | 52.5 |
| | Florida | 1 454 | 150 | 13.6 | 200.5 | 10.4 | 19.4 | 137.6 | 391.4 | 298.0 | 689.7 | 33.7 | 8.2 | 170.0 |
| | Georgia | 625 | 86 | 9.4 | 170.5 | 7.1 | 13.9 | 115.3 | 343.9 | 305.7 | 650.9 | 37.7 | 6.4 | 151.2 |
| | Hawaii | 93 | 11 | .9 | 14.3 | .7 | 1.2 | 9.7 | 27.0 | 17.5 | 44.5 | 1.6 | CC | (D) |
| | Idaho | 90 | 9 | .8 | 10.3 | .6 | 1.0 | 7.4 | 15.3 | 13.2 | 28.2 | 1.0 | .5 | 9.4 |
| | Illinois | 1 842 | 368 | 44.4 | 932.0 | 34.4 | 66.7 | 666.6 | 1 805.2 | 1 342.5 | 3 147.8 | 157.2 | 42.7 | 1 147.2 |
| | Indiana | 608 | 86 | 9.6 | 171.9 | 7.4 | 14.4 | 125.7 | 365.9 | 294.8 | 660.8 | 22.1 | 7.6 | 203.1 |
| | Iowa | 342 | 60 | 5.8 | 100.5 | 4.4 | 8.1 | 70.4 | 184.5 | 173.6 | 359.0 | 11.6 | 5.0 | 120.4 |
| | Kansas | 293 | 55 | 5.3 | 92.5 | 4.0 | 7.5 | 63.4 | 167.5 | 133.7 | 301.0 | 13.1 | 3.1 | 65.7 |
| | Kentucky | 277 | 53 | 6.3 | 117.0 | 4.9 | 9.6 | 82.4 | 228.0 | 178.3 | 403.3 | 38.5 | FF | (D) |
| | Louisiana | 328 | 42 | 3.4 | 48.4 | 2.6 | 4.5 | 33.5 | 97.0 | 70.3 | 167.9 | 6.9 | 2.3 | 44.1 |
| | Maine | 111 | 16 | 1.3 | 16.1 | 1.1 | 2.0 | 11.9 | 29.0 | 20.3 | 49.5 | 2.5 | .7 | 12.7 |
| | Maryland | 508 | 106 | 9.8 | 180.0 | 7.6 | 14.3 | 128.1 | 328.6 | 257.3 | 585.5 | 32.7 | 7.6 | 180.0 |
| | Massachusetts | 869 | 189 | 15.7 | 263.3 | 11.7 | 21.4 | 173.0 | 484.4 | 360.4 | 843.7 | 40.0 | 12.9 | 280.2 |
| | Michigan | 993 | 129 | 12.1 | 226.4 | 8.6 | 16.1 | 145.1 | 458.3 | 414.9 | 870.7 | 34.6 | 10.6 | 269.8 |
| | Minnesota | 623 | 131 | 16.7 | 294.3 | 12.1 | 21.5 | 192.6 | 555.9 | 405.4 | 960.9 | 37.3 | 13.6 | 323.3 |
| | Mississippi | 158 | 17 | 2.7 | 41.6 | 1.9 | 3.6 | 27.6 | 87.7 | 67.4 | 153.2 | 12.9 | 1.8 | 30.9 |
| | Missouri | 696 | 111 | 10.1 | 183.3 | 7.7 | 14.1 | 125.9 | 338.6 | 263.1 | 601.8 | 22.2 | 8.6 | 197.5 |
| | Montana | 73 | 5 | .5 | 6.9 | .4 | .7 | 5.1 | 12.6 | 8.3 | 20.9 | 1.1 | .3 | 6.6 |
| | Nebraska | 185 | 35 | 3.3 | 50.0 | 2.6 | 4.5 | 35.6 | 98.5 | 89.8 | 187.2 | 8.5 | 2.5 | 56.7 |
| | Nevada | 100 | 8 | .9 | 13.3 | .7 | 1.2 | 9.3 | 33.2 | 23.0 | 56.4 | 2.0 | CC | (D) |
| | New Hampshire | 147 | 23 | 2.5 | 37.0 | 1.9 | 3.6 | 25.9 | 69.3 | 45.1 | 114.4 | 5.8 | 2.0 | 36.4 |
| | New Jersey | 1 275 | 219 | 19.8 | 367.4 | 14.7 | 27.6 | 241.9 | 715.7 | 514.0 | 1 230.6 | 49.8 | 13.6 | 341.0 |
| | New Mexico | 128 | 8 | .9 | 11.0 | .7 | 1.1 | 7.1 | 22.3 | 16.0 | 38.3 | 1.4 | .6 | 11.6 |
| | New York | 2 933 | 478 | 44.6 | 844.2 | 32.9 | 62.7 | 566.6 | 1 644.7 | 1 197.6 | 2 839.0 | 90.5 | 40.1 | 1 036.3 |
| | North Carolina | 640 | 91 | 7.7 | 112.8 | 5.9 | 10.9 | 76.2 | 237.7 | 189.0 | 426.0 | 15.5 | 5.1 | 113.0 |
| | North Dakota | 57 | 10 | .6 | 7.6 | .4 | .7 | 4.6 | 13.3 | 10.0 | 23.3 | .6 | .5 | 8.4 |
| | Ohio | 1 337 | 240 | 23.5 | 434.9 | 16.6 | 31.8 | 275.1 | 835.4 | 594.1 | 1 432.2 | 45.3 | 23.4 | 533.4 |
| | Oklahoma | 352 | 32 | 3.4 | 51.6 | 2.6 | 4.8 | 35.1 | 100.9 | 71.2 | 171.3 | (D) | 2.4 | 48.5 |
| | Oregon | 377 | 35 | 3.6 | 60.5 | 2.7 | 4.5 | 41.0 | 116.2 | 98.0 | 211.3 | 12.8 | 2.4 | 60.2 |
| | Pennsylvania | 1 309 | 247 | 25.4 | 462.0 | 18.7 | 35.9 | 301.5 | 876.4 | 599.2 | 1 478.1 | 70.6 | 23.3 | 524.5 |
| | Rhode Island | 154 | 28 | 2.6 | 47.9 | 1.9 | 3.7 | 31.9 | 93.4 | 76.6 | 168.4 | 4.9 | 2.1 | 49.1 |
| | South Carolina | 253 | 39 | 3.4 | 49.8 | 2.5 | 4.8 | 32.7 | 103.5 | 74.8 | 177.9 | 10.6 | 1.9 | 32.7 |
| | South Dakota | 65 | 11 | .9 | 13.7 | .7 | 1.2 | 8.1 | 27.9 | 22.6 | 50.4 | (D) | .5 | 9.3 |
| | Tennessee | 542 | 85 | 8.7 | 148.3 | 6.9 | 13.3 | 106.0 | 299.8 | 279.9 | 579.7 | 20.9 | 6.5 | 140.0 |
| | Texas | 1 845 | 232 | 22.2 | 377.7 | 16.9 | 32.2 | 255.9 | 728.6 | 547.1 | 1 276.1 | 81.4 | 14.1 | 310.5 |
| | Utah | 155 | 25 | 1.7 | 25.0 | 1.3 | 2.5 | 17.2 | 48.0 | 37.0 | 84.7 | 3.4 | 1.2 | 21.2 |
| | Vermont | 75 | 11 | 1.1 | 16.1 | .8 | 1.6 | 11.2 | 30.3 | 24.7 | 55.0 | (D) | .6 | 10.4 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|------------------------------------|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|------------------------------------|--|
| | | All establishments ¹ | | — All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All employees ² (1,000) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 27 | Printing and publishing—Con. | | | | | | | | | | | | | |
| 275 | Commercial printing—Con. | | | | | | | | | | | | | |
| | Virginia | 542 | 100 | 10.0 | 175.2 | 7.8 | 14.9 | 126.2 | 380.4 | 353.3 | 732.5 | 32.7 | 5.6 | 126.7 |
| | Washington | 507 | 55 | 5.2 | 88.3 | 3.8 | 6.9 | 60.0 | 164.2 | 114.3 | 277.5 | 17.8 | 2.9 | 73.0 |
| | West Virginia | 101 | 9 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .9 | 19.5 |
| | Wisconsin | 640 | 133 | 14.2 | 268.6 | 10.5 | 19.0 | 182.8 | 499.6 | 407.3 | 906.1 | 55.9 | 11.0 | 271.5 |
| 276 | Manifold business forms | 810 | 530 | 49.5 | 934.0 | 36.2 | 71.1 | 634.3 | 2 490.7 | 2 563.1 | 5 058.7 | 135.4 | 45.3 | 1 491.6 |
| | Alabama | 8 | 5 | .7 | 11.9 | .5 | .9 | 7.2 | 36.4 | 54.2 | 90.4 | (D) | BB | (D) |
| | Arkansas | 5 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | California | 97 | 65 | 5.2 | 104.9 | 3.7 | 7.3 | 70.2 | 282.7 | 301.1 | 583.2 | 12.1 | 4.9 | 191.5 |
| | Connecticut | 17 | 15 | 1.5 | 26.9 | 1.1 | 2.2 | 18.3 | 77.9 | 70.6 | 149.6 | 3.1 | .9 | 31.1 |
| | Florida | 25 | 14 | 1.0 | 17.6 | .7 | 1.5 | 12.5 | 40.8 | 40.3 | 81.7 | (D) | .7 | 18.3 |
| | Georgia | 27 | 13 | 1.1 | 16.9 | .8 | 1.6 | 11.9 | 58.0 | 48.8 | 107.7 | (D) | 1.1 | 35.8 |
| | Illinois | 60 | 40 | 3.6 | 76.0 | 2.6 | 5.0 | 52.3 | 174.2 | 200.0 | 373.3 | 13.2 | 3.5 | 116.5 |
| | Indiana | 18 | 11 | 1.7 | 33.5 | 1.0 | 2.1 | 20.1 | 76.4 | 71.8 | 149.6 | 3.2 | .8 | 31.9 |
| | Iowa | 14 | 11 | 1.0 | 19.3 | .8 | 1.4 | 12.6 | 51.5 | 50.1 | 101.8 | 2.0 | .9 | 29.9 |
| | Kansas | 14 | 11 | 1.2 | 21.6 | .9 | 1.9 | 14.5 | 44.3 | 46.3 | 91.1 | 1.8 | 1.2 | 26.4 |
| | Kentucky | 6 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .6 | 18.7 |
| | Louisiana | 11 | 8 | .5 | 8.6 | .4 | .7 | 5.6 | 17.1 | 14.7 | 31.8 | .9 | .5 | 12.5 |
| | Maryland | 12 | 11 | 1.3 | 24.4 | 1.0 | 2.0 | 16.9 | 72.1 | 71.8 | 143.0 | 3.2 | 1.5 | 40.6 |
| | Massachusetts | 13 | 8 | .5 | 10.7 | .4 | .7 | 6.4 | 21.5 | 20.7 | 42.6 | (D) | .6 | 17.3 |
| | Michigan | 31 | 17 | 1.4 | 30.9 | .9 | 1.7 | 18.7 | 55.6 | 66.6 | 122.7 | 3.2 | 1.3 | 37.6 |
| | Minnesota | 14 | 10 | .6 | 11.6 | .4 | .8 | 6.7 | 20.8 | 28.0 | 48.8 | 1.2 | .5 | 13.3 |
| | Missouri | 21 | 12 | 1.0 | 17.0 | .7 | 1.5 | 11.1 | 45.3 | 71.4 | 114.7 | 4.0 | .9 | 18.9 |
| | New Hampshire | 4 | 3 | .5 | 9.4 | .4 | .7 | 6.1 | 30.7 | 24.0 | 55.3 | (D) | .6 | 19.1 |
| | New Jersey | 31 | 19 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.0 | 27.0 |
| | New York | 69 | 36 | 2.8 | 51.7 | 2.0 | 3.8 | 35.4 | 117.1 | 87.9 | 204.8 | (D) | 2.7 | 86.3 |
| | North Carolina | 21 | 14 | 1.0 | 15.9 | .8 | 1.6 | 12.0 | 38.2 | 45.8 | 84.0 | 3.6 | .9 | 22.2 |
| | Ohio | 39 | 26 | 4.5 | 80.1 | 3.4 | 6.5 | 57.2 | 199.9 | 181.3 | 377.8 | (D) | 3.6 | 125.4 |
| | Oklahoma | 9 | 5 | .8 | 14.2 | .6 | 1.1 | 9.8 | 33.6 | 40.8 | 75.3 | .9 | .8 | 22.6 |
| | Oregon | 15 | 11 | .8 | 15.6 | .6 | 1.1 | 10.6 | 46.8 | 43.0 | 91.4 | 1.8 | .7 | 30.8 |
| | Pennsylvania | 48 | 35 | 3.7 | 73.9 | 2.9 | 6.0 | 54.1 | 249.8 | 328.4 | 580.9 | 10.9 | 3.1 | 144.4 |
| | South Carolina | 6 | 5 | .5 | 8.2 | .4 | .7 | 5.3 | 25.3 | 11.2 | 36.4 | (D) | BB | (D) |
| | Tennessee | 16 | 10 | .7 | 11.3 | .5 | 1.0 | 8.3 | 36.5 | 29.5 | 66.3 | 1.6 | .3 | 6.9 |
| | Texas | 58 | 42 | 3.9 | 71.1 | 2.9 | 5.7 | 47.9 | 199.2 | 183.9 | 381.8 | 24.3 | 4.3 | 115.0 |
| | Utah | 6 | 6 | .6 | 9.1 | .4 | .9 | 6.6 | 34.2 | 17.2 | 51.7 | (D) | BB | (D) |
| | Vermont | 3 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .5 | 23.8 |
| | Virginia | 15 | 12 | 1.2 | 17.6 | .8 | 1.6 | 12.0 | 60.7 | 82.4 | 143.7 | (D) | 1.0 | 33.5 |
| | Wisconsin | 19 | 11 | 1.0 | 19.7 | .7 | 1.3 | 11.8 | 52.3 | 84.5 | 138.2 | 2.2 | 1.2 | 48.6 |
| 277 | Greeting card publishing | 154 | 54 | 20.8 | 344.2 | 11.7 | 20.2 | 155.2 | 1 348.8 | 554.6 | 1 893.6 | 37.2 | - | - |
| | Arkansas | 2 | 2 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Colorado | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Illinois | 14 | 6 | .6 | 8.7 | .5 | 1.0 | 5.5 | 22.7 | 11.1 | 34.1 | 1.0 | .8 | 21.0 |
| | Kansas | 4 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Kentucky | 2 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Massachusetts | 14 | 4 | .8 | 10.7 | .6 | 1.2 | 6.9 | 30.2 | 18.7 | 48.9 | (D) | 1.6 | 32.5 |
| | Missouri | 7 | 5 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | New Hampshire | 7 | 4 | .7 | 8.9 | .6 | 1.1 | 6.0 | 21.8 | 19.8 | 41.4 | (D) | .5 | 8.0 |
| | New York | 32 | 9 | .6 | 9.2 | .3 | .6 | 4.2 | 27.0 | 11.9 | 38.9 | .9 | 1.0 | 23.6 |
| | Ohio | 3 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Pennsylvania | 5 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Texas | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) | (NA) |
| 278 | Blankbooks and bookbinding | 1 487 | 631 | 61.2 | 903.1 | 49.7 | 92.6 | 635.6 | 1 963.5 | 854.2 | 2 802.9 | 77.9 | 18.1 | 655.9 |
| | Arizona | 17 | 10 | .6 | 8.2 | .5 | .9 | 6.0 | 18.4 | 8.0 | 26.6 | 1.1 | .6 | 10.4 |
| | California | 182 | 62 | 6.2 | 92.6 | 5.1 | 9.8 | 66.3 | 222.6 | 96.4 | 318.5 | 6.7 | 4.2 | 88.5 |
| | Colorado | 25 | 12 | 1.1 | 18.4 | .7 | 1.3 | 9.6 | 23.7 | 16.4 | 39.5 | (D) | .7 | 11.9 |
| | Connecticut | 28 | 13 | 1.3 | 21.4 | 1.0 | 1.8 | 12.3 | 36.8 | 21.3 | 57.3 | 2.1 | 1.1 | 26.4 |
| | Florida | 47 | 15 | 1.2 | 15.8 | 1.1 | 2.0 | 12.9 | 42.2 | 10.5 | 52.7 | 4.0 | 1.1 | 23.0 |
| | Georgia | 24 | 13 | 1.8 | 19.8 | 1.6 | 2.9 | 14.9 | 44.6 | 19.1 | 64.1 | 1.8 | 1.4 | 24.3 |
| | Illinois | 128 | 53 | 6.5 | 97.7 | 5.1 | 9.8 | 65.3 | 208.7 | 125.0 | 330.0 | 7.0 | 7.4 | 163.2 |
| | Indiana | 26 | 14 | 1.4 | 20.4 | 1.1 | 2.2 | 13.6 | 40.0 | 17.0 | 57.0 | 1.7 | 1.3 | 22.4 |
| | Kansas | 12 | 6 | .5 | 6.4 | .4 | .7 | 3.9 | 10.7 | 9.7 | 20.3 | (D) | CC | (D) |
| | Maryland | 24 | 14 | 1.3 | 18.4 | 1.0 | 2.0 | 13.3 | 34.0 | 11.7 | 45.4 | 2.7 | 1.1 | 17.9 |
| | Massachusetts | 64 | 33 | 4.9 | 78.4 | 3.8 | 6.4 | 51.4 | 147.4 | 74.9 | 219.6 | 4.5 | 3.7 | 74.9 |
| | Michigan | 38 | 14 | 1.3 | 21.4 | 1.1 | 2.1 | 16.5 | 58.1 | 22.2 | 80.4 | .9 | 1.5 | 35.0 |
| | Minnesota | 28 | 12 | 1.2 | 16.8 | .9 | 1.5 | 11.3 | 40.6 | 16.2 | 56.7 | .5 | 1.0 | 21.9 |
| | Missouri | 42 | 21 | 2.7 | 38.1 | 2.1 | 3.7 | 25.2 | 76.9 | 33.0 | 110.4 | 2.3 | 2.0 | 39.7 |
| | New Jersey | 85 | 50 | 4.8 | 73.0 | 4.0 | 7.4 | 54.8 | 145.8 | 68.1 | 208.3 | 5.4 | 5.8 | 140.0 |
| | New York | 281 | 106 | 8.3 | 118.2 | 6.9 | 12.9 | 86.9 | 249.5 | 103.1 | 350.2 | (D) | 7.3 | 136.0 |
| | North Carolina | 26 | 11 | .9 | 11.8 | .8 | 1.5 | 8.7 | 25.6 | 8.2 | 33.8 | 2.6 | .8 | 14.2 |
| | Ohio | 61 | 24 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.6 | 31.5 |
| | Pennsylvania | 67 | 31 | 3.2 | 49.3 | 2.5 | 4.6 | 33.7 | 108.0 | 43.5 | 151.5 | 5.6 | 3.5 | 69.3 |
| | Tennessee | 22 | 11 | 1.2 | 16.9 | 1.0 | 2.1 | 12.9 | 38.8 | 15.3 | 53.3 | 1.8 | 1.2 | 21.7 |
| | Texas | 61 | 33 | 3.1 | 43.2 | 2.7 | 5.2 | 32.8 | 99.2 | 37.3 | 137.3 | 4.4 | 2.3 | 42.2 |
| | Virginia | 16 | 6 | .6 | 7.8 | .4 | .8 | 5.8 | 19.4 | 6.1 | 25.6 | 1.5 | .7 | 15.3 |
| | Wisconsin | 23 | 9 | .8 | 11.7 | .6 | 1.2 | 7.7 | 23.7 | 10.6 | 34.6 | 1.7 | .8 | 14.5 |
| 279 | Printing trade services | 4 178 | 704 | 56.0 | 1 011.8 | 41.6 | 77.5 | 766.5 | 2 016.6 | 574.1 | 2 583.8 | 133.1 | 48.4 | 1 268.4 |
| | California | 532 | 82 | 5.7 | 119.9 | 4.3 | 8.1 | 84.9 | 220.2 | 52.9 | 272.5 | 18.6 | 4.1 | 120.5 |
| | Colorado | 76 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .3 | 6.7 |
| | Connecticut | 88 | 21 | 1.4 | 29.5 | 1.0 | 1.9 | 20.7 | 48.5 | 14.1 | 62.6 | 4.2 | 1.3 | 33.9 |
| | District of Columbia | 37 | 8 | .7 | 14.8 | .5 | .9 | 10.8 | 22.5 | 6.2 | 28.6 | 1.1 | .6 | 13.6 |
| | Florida | 176 | 20 | 1.7 | 26.8 | 1.3 | 2.5 | 19.4 | 49.9 | 14.0 | 63.6 | 3.3 | 1.0 | 23.6 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|--------------------------------------|---------------------------------|---|--------------------------------|------------------------------|--------------------|---------------------|----------------------------|---|---|--|---|--|---|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All em- ployees ² (1,000) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 27 | Printing and publishing—Con. | | | | | | | | | | | | | |
| 279 | Printing trade services—Con. | | | | | | | | | | | | | |
| | Georgia | 75 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .5 | 12.1 |
| | Illinois | 325 | 66 | 5.6 | 127.8 | 4.1 | 7.5 | 88.2 | 215.0 | 55.6 | 269.8 | 14.7 | 5.7 | 167.2 |
| | Indiana | 74 | 11 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Maryland | 89 | 24 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.3 | 29.2 |
| | Massachusetts | 119 | 26 | 1.6 | 26.8 | 1.2 | 2.3 | 19.2 | 47.7 | 20.2 | 67.6 | 2.7 | 1.4 | 31.9 |
| | Michigan | 162 | 26 | 2.1 | 42.0 | 1.6 | 3.1 | 29.1 | 73.9 | 19.8 | 94.0 | 5.4 | 1.9 | 51.4 |
| | Minnesota | 82 | 17 | 1.2 | 25.8 | .9 | 1.7 | 17.7 | 43.7 | 13.3 | 56.5 | 5.1 | 1.2 | 32.8 |
| | Missouri | 125 | 25 | 1.7 | 37.8 | 1.2 | 2.2 | 25.1 | 61.3 | 20.8 | 82.0 | 3.3 | 1.7 | 43.8 |
| | New Jersey | 235 | 47 | 4.5 | 88.1 | 3.2 | 5.8 | 58.0 | 184.1 | 68.3 | 250.7 | 15.1 | 2.9 | 85.1 |
| | New York | 590 | 115 | 9.7 | 204.7 | 6.9 | 13.2 | 140.2 | 405.7 | 116.6 | 519.5 | 18.9 | 9.1 | 261.2 |
| | North Carolina | 69 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .3 | 8.8 |
| | Ohio | 170 | 36 | 2.2 | 46.0 | 1.5 | 2.9 | 30.8 | 73.0 | 22.9 | 98.0 | 3.9 | 2.4 | 57.9 |
| | Pennsylvania | 160 | 39 | 4.5 | 81.4 | 3.4 | 6.3 | 58.1 | 148.3 | 26.3 | 173.5 | 7.6 | 4.1 | 88.7 |
| | Tennessee | 61 | 12 | .8 | 14.5 | .6 | 1.2 | 9.8 | 25.8 | 9.0 | 34.9 | 2.8 | .9 | 20.7 |
| | Texas | 230 | 34 | 2.7 | 51.6 | 2.0 | 3.8 | 35.9 | 101.8 | 34.5 | 136.1 | 5.5 | 1.8 | 42.9 |
| | Virginia | 80 | 13 | .9 | 14.7 | .7 | 1.3 | 10.5 | 24.6 | 5.2 | 29.7 | 1.2 | .7 | 15.3 |
| | Wisconsin | 84 | 16 | 1.0 | 20.4 | .7 | 1.3 | 13.5 | 37.0 | 13.2 | 50.1 | 1.6 | 1.0 | 24.7 |
| 28 | Chemicals and allied products | 11 901 | 4 779 | 872.6 | 20 835.7 | 508.6 | 1 003.5 | 10 543.8 | 77 314.8 | 92 556.9 | 170 736.9 | 9 086.8 | 880.2 | 56 720.5 |
| | Alabama | 157 | 73 | 13.8 | 323.2 | 8.6 | 17.2 | 184.1 | 992.9 | 1 631.1 | 2 666.0 | 166.8 | 13.2 | 790.8 |
| | Arizona | 87 | 17 | 2.6 | 42.6 | 1.7 | 3.1 | 24.6 | 181.4 | 189.2 | 365.4 | 18.7 | 2.2 | 157.4 |
| | Arkansas | 73 | 30 | 7.9 | 175.6 | 5.8 | 11.5 | 116.6 | 526.0 | 626.3 | 1 155.3 | 71.2 | 6.0 | 342.4 |
| | California | 1 425 | 519 | 52.6 | 1 111.5 | 28.8 | 55.9 | 514.7 | 4 058.5 | 4 463.1 | 8 543.4 | 376.1 | 52.7 | 2 803.4 |
| | Colorado | 114 | 28 | 2.5 | 53.8 | 1.4 | 2.7 | 23.7 | 166.4 | 175.3 | 353.4 | 10.7 | 2.3 | 116.9 |
| | Connecticut | 164 | 74 | 13.8 | 338.4 | 6.7 | 13.8 | 131.3 | 1 204.8 | 964.8 | 2 163.5 | 87.1 | 12.3 | 850.5 |
| | Delaware | 39 | 21 | 6.7 | 171.2 | 4.5 | 8.2 | 100.9 | 614.5 | 739.9 | 1 386.3 | (D) | 8.4 | 461.3 |
| | District of Columbia | 6 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | AA | (D) |
| | Florida | 460 | 153 | 22.7 | 477.7 | 14.6 | 29.4 | 268.4 | 1 402.1 | 2 873.2 | 4 309.5 | 409.3 | 21.5 | 883.3 |
| | Georgia | 353 | 161 | 19.2 | 369.7 | 12.0 | 23.9 | 206.0 | 1 750.1 | 2 070.4 | 3 836.1 | 189.9 | 14.9 | 1 140.6 |
| | Idaho | 25 | 7 | 3.2 | 84.0 | 1.8 | 3.5 | 45.7 | 304.7 | 320.9 | 623.1 | 30.4 | 2.1 | 206.3 |
| | Illinois | 760 | 354 | 48.4 | 1 118.0 | 27.2 | 54.7 | 542.6 | 5 038.6 | 5 192.4 | 10 298.6 | 410.0 | 54.7 | 3 506.9 |
| | Indiana | 230 | 87 | 26.4 | 755.1 | 12.2 | 24.3 | 271.0 | 2 652.2 | 2 447.4 | 5 153.6 | 294.8 | 25.4 | 1 853.8 |
| | Iowa | 124 | 43 | 5.7 | 133.9 | 3.4 | 6.9 | 70.6 | 1 077.9 | 1 245.1 | 2 325.3 | 52.0 | 5.5 | 809.9 |
| | Kansas | 104 | 57 | 8.2 | 174.7 | 4.8 | 9.7 | 94.5 | 794.7 | 829.1 | 1 637.2 | 82.9 | 6.4 | 421.5 |
| | Kentucky | 130 | 66 | 13.2 | 326.7 | 8.3 | 16.8 | 190.3 | 1 108.6 | 2 009.5 | 3 149.6 | 167.9 | 15.7 | 1 011.5 |
| | Louisiana | 234 | 115 | 31.8 | 939.7 | 19.6 | 39.9 | 549.2 | 3 098.2 | 7 881.9 | 10 998.5 | 742.9 | 30.2 | 3 277.8 |
| | Maine | 25 | 8 | .7 | 12.2 | .4 | .7 | 5.2 | 49.6 | 50.3 | 99.1 | 4.3 | .7 | 35.8 |
| | Maryland | 168 | 78 | 11.9 | 258.6 | 6.7 | 13.3 | 126.1 | 1 125.7 | 1 196.7 | 2 334.5 | 93.3 | 12.7 | 673.9 |
| | Massachusetts | 312 | 123 | 15.1 | 330.3 | 8.4 | 16.5 | 157.1 | 981.6 | 1 051.3 | 2 051.0 | 102.8 | 15.8 | 758.6 |
| | Michigan | 399 | 136 | 29.5 | 763.0 | 16.5 | 31.6 | 383.9 | 2 202.0 | 2 538.3 | 4 800.0 | 271.8 | 33.9 | 1 876.1 |
| | Minnesota | 196 | 55 | 6.5 | 143.5 | 3.6 | 7.2 | 68.5 | 517.4 | 542.6 | 1 077.3 | 46.9 | 6.2 | 384.5 |
| | Mississippi | 90 | 31 | 6.4 | 129.1 | 4.3 | 9.0 | 77.0 | 550.5 | 681.9 | 1 231.3 | 51.7 | 6.6 | 424.5 |
| | Missouri | 351 | 134 | 22.7 | 505.5 | 12.4 | 24.5 | 230.5 | 2 202.0 | 1 826.9 | 4 037.4 | 126.4 | 23.6 | 1 277.0 |
| | Montana | 26 | 4 | .5 | 12.3 | .4 | .7 | 7.9 | 21.6 | 76.4 | 101.7 | (D) | .5 | 29.6 |
| | Nebraska | 61 | 20 | 2.4 | 49.0 | 1.5 | 3.1 | 24.4 | 330.0 | 286.0 | 623.7 | 17.4 | 2.3 | 245.5 |
| | Nevada | 36 | 8 | 1.0 | 24.4 | .7 | 1.3 | 14.5 | 75.2 | 62.6 | 135.6 | 9.7 | .9 | 55.7 |
| | New Hampshire | 34 | 7 | .7 | 14.3 | .4 | 1.0 | 7.5 | 56.8 | 62.1 | 119.9 | 1.5 | .8 | 38.5 |
| | New Jersey | 970 | 498 | 92.0 | 2 249.0 | 47.7 | 94.0 | 971.1 | 7 759.3 | 6 834.9 | 14 750.9 | 574.7 | 95.6 | 6 189.0 |
| | New Mexico | 30 | 7 | .9 | 17.6 | .5 | 1.0 | 9.5 | 19.2 | 43.0 | 61.2 | 9.0 | .8 | 18.9 |
| | New York | 834 | 289 | 48.7 | 1 065.5 | 29.8 | 57.1 | 542.2 | 5 146.0 | 3 218.0 | 8 329.2 | (D) | 51.6 | 3 121.4 |
| | North Carolina | 309 | 139 | 35.4 | 704.5 | 23.9 | 45.7 | 396.1 | 2 598.6 | 3 069.7 | 5 717.4 | 213.2 | 33.0 | 1 663.7 |
| | Ohio | 657 | 296 | 43.7 | 1 034.2 | 24.3 | 48.5 | 521.2 | 4 342.7 | 4 591.6 | 8 984.5 | 490.7 | 45.5 | 3 209.0 |
| | Oklahoma | 116 | 36 | 3.4 | 74.4 | 2.2 | 4.6 | 46.3 | 491.7 | 549.3 | 1 043.9 | 42.5 | 1.7 | 164.1 |
| | Oregon | 126 | 36 | 2.3 | 48.7 | 1.4 | 2.8 | 26.7 | 143.3 | 266.6 | 411.4 | 15.2 | 2.5 | 119.6 |
| | Pennsylvania | 548 | 228 | 38.7 | 938.3 | 22.7 | 43.6 | 473.1 | 3 865.9 | 3 210.1 | 7 128.0 | 289.2 | 44.0 | 2 761.0 |
| | Rhode Island | 62 | 17 | 2.9 | 58.7 | 1.8 | 3.4 | 29.2 | 94.6 | 258.8 | 354.8 | 13.5 | 3.0 | 75.8 |
| | South Carolina | 159 | 73 | 33.4 | 769.2 | 20.8 | 40.3 | 393.2 | 2 504.9 | 2 548.3 | 5 106.4 | 206.3 | 33.1 | 1 449.3 |
| | Tennessee | 235 | 107 | 50.3 | 1 180.9 | 30.8 | 59.6 | 626.5 | 3 024.0 | 3 693.6 | 6 697.6 | 471.4 | 53.0 | 2 275.7 |
| | Texas | 877 | 372 | 74.3 | 2 106.7 | 42.2 | 85.2 | 1 099.4 | 8 441.8 | 16 351.8 | 25 154.1 | 2 005.7 | 67.7 | 7 310.0 |
| | Utah | 80 | 26 | 2.3 | 37.7 | 1.6 | 3.1 | 23.1 | 187.4 | 148.0 | 344.7 | 11.4 | 1.8 | 62.8 |
| | Virginia | 166 | 68 | 31.6 | 751.9 | 20.8 | 41.0 | 434.6 | 2 318.3 | 2 220.7 | 4 342.9 | 197.0 | 33.4 | 1 470.9 |
| | Washington | 143 | 41 | 8.8 | 238.1 | 4.0 | 8.0 | 97.7 | 670.7 | 376.4 | 1 041.4 | 19.8 | 6.4 | 374.9 |
| | West Virginia | 69 | 36 | 17.1 | 471.9 | 11.6 | 22.8 | 297.0 | 1 438.7 | 2 078.6 | 3 437.6 | 176.9 | 19.3 | 1 324.6 |
| | Wisconsin | 241 | 88 | 8.4 | 198.1 | 4.4 | 9.1 | 86.2 | 888.6 | 774.8 | 1 668.6 | 29.3 | 7.6 | 518.4 |
| 281 | Industrial inorganic chemicals | 1 365 | 520 | 107.7 | 2 795.2 | 61.9 | 123.9 | 1 461.5 | 8 828.5 | 8 553.5 | 17 280.1 | 999.5 | 110.0 | 6 487.2 |
| | Alabama | 36 | 15 | 2.4 | 58.7 | 1.3 | 2.8 | 32.1 | 158.7 | 235.1 | 402.0 | 39.2 | 2.4 | 140.3 |
| | Arkansas | 10 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | California | 122 | 45 | 4.1 | 105.9 | 2.3 | 4.3 | 53.6 | 344.5 | 459.9 | 794.1 | 50.3 | 5.8 | 286.5 |
| | Connecticut | 10 | 5 | 1.4 | 34.2 | .6 | 1.4 | 13.9 | 74.4 | 132.6 | 207.5 | 5.5 | EE | (D) |
| | Delaware | 6 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Florida | 32 | 9 | .5 | 11.6 | .3 | .7 | 6.0 | 33.1 | 54.6 | 88.5 | 4.2 | .8 | 28.7 |
| | Georgia | 44 | 18 | 2.0 | 42.9 | 1.3 | 2.8 | 27.4 | 209.9 | 243.0 | 446.2 | 25.7 | 1.6 | 108.1 |
| | Idaho | 9 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Illinois | 64 | 30 | 3.6 | 89.7 | 2.4 | 5.0 | 55.5 | 338.1 | 314.3 | 661.6 | 56.8 | 3.4 | 215.5 |
| | Indiana | 33 | 13 | 1.3 | 30.8 | .8 | 1.5 | 17.8 | 141.0 | 190.6 | 333.6 | 21.5 | 1.0 | 93.5 |
| | Iowa | 18 | 5 | .5 | 12.2 | .3 | .7 | 6.8 | 23.6 | 101.2 | 127.2 | 4.6 | AA | (D) |
| | Kansas | 18 | 10 | .5 | 13.0 | .3 | .7 | 7.5 | 58.8 | 91.2 | 149.8 | 5.4 | 1.4 | 68.0 |
| | Kentucky | 18 | 8 | 3.1 | 78.4 | 1.9 | 3.7 | 44.4 | 239.3 | 483.6 | 722.2 | (D) | 3.7 | 189.5 |
| | Louisiana | 53 | 25 | 4.2 | 123.1 | 2.9 | 5.0 | 73.6 | 418.3 | 624.1 | 1 044.9 | 72.6 | 4.5 | 368.7 |
| | Maryland | 29 | 16 | 2.6 | 68.0 | 1.4 | 3.0 | 32.6 | | | | | | |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | | |
|----------|--------------------------------------|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|------------------------------------|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All employees ² (1,000) | Value added by manufacture (million dollars) | |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | | |
| 28 | Chemicals and allied products—Con. | | | | | | | | | | | | | | |
| 281 | Industrial inorganic chemicals—Con. | | | | | | | | | | | | | | |
| | New Jersey | 78 | 41 | 4.4 | 112.1 | 2.6 | 5.3 | 60.5 | 291.2 | 414.2 | 716.5 | 28.5 | 4.4 | 253.7 | |
| | New York | 47 | 20 | 3.5 | 91.2 | 2.5 | 4.7 | 61.3 | 273.3 | 205.1 | 479.6 | (D) | 5.0 | 284.0 | |
| | North Carolina | 29 | 7 | 3.0 | 85.9 | 1.8 | 3.6 | 38.7 | 292.1 | 326.1 | 612.4 | (D) | .8 | 63.0 | |
| | Ohio | 96 | 38 | 8.8 | 226.0 | 5.0 | 9.8 | 120.9 | 642.2 | 580.5 | 1 229.0 | 77.1 | 8.9 | 452.3 | |
| | Oklahoma | 23 | 7 | .9 | 16.3 | .5 | 1.1 | 9.6 | 65.0 | 48.8 | 112.7 | 7.2 | .3 | 24.4 | |
| | Pennsylvania | 85 | 35 | 4.4 | 103.1 | 2.7 | 5.5 | 59.7 | 277.4 | 406.6 | 683.8 | 49.4 | 5.8 | 342.0 | |
| | South Carolina | 18 | 5 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) | |
| | Tennessee | 41 | 18 | 16.4 | 404.2 | 8.8 | 18.1 | 194.7 | 1 336.6 | 700.3 | 2 041.0 | 62.7 | 17.7 | 997.6 | |
| | Texas | 131 | 45 | 6.2 | 166.4 | 4.1 | 8.0 | 103.0 | 614.1 | 916.9 | 1 513.6 | 176.7 | 6.4 | 437.0 | |
| | Virginia | 27 | 11 | 3.2 | 76.0 | 1.8 | 4.0 | 39.7 | 250.2 | 151.5 | 290.4 | 10.2 | 3.1 | 169.9 | |
| | Washington | 31 | 13 | 6.3 | 185.4 | 2.8 | 5.5 | 75.0 | 521.3 | 124.5 | 645.4 | (D) | 4.2 | 262.0 | |
| | West Virginia | 22 | 6 | 1.4 | 37.1 | .9 | 1.8 | 23.3 | 114.4 | 124.5 | 235.3 | 10.7 | 1.2 | 104.0 | |
| 282 | Plastics materials and synthetics .. | 606 | 409 | 141.0 | 3 450.6 | 94.4 | 182.9 | 2 051.9 | 9 401.5 | 18 800.3 | 28 428.1 | 1 676.6 | 157.2 | 7 842.9 | |
| | Alabama | 7 | 6 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) | |
| | California | 67 | 38 | 2.4 | 53.0 | 1.4 | 2.7 | 26.4 | 196.3 | 435.5 | 642.7 | 50.1 | 2.4 | 190.8 | |
| | Connecticut | 13 | 7 | 1.1 | 23.1 | .7 | 1.4 | 14.4 | 81.6 | 157.1 | 238.9 | 5.2 | 1.2 | 90.5 | |
| | Delaware | 7 | 6 | 3.8 | 93.6 | 2.7 | 4.7 | 57.7 | 256.3 | 461.0 | 744.1 | (D) | FF | (D) | |
| | Florida | 17 | 10 | 4.5 | 103.8 | 3.1 | 5.8 | 64.1 | 244.2 | 491.9 | 735.6 | (D) | 5.2 | 181.9 | |
| | Georgia | 17 | 14 | 3.4 | 50.4 | 2.3 | 4.3 | 31.8 | 144.7 | 309.0 | 456.2 | 12.6 | EE | (D) | |
| | Illinois | 33 | 23 | 3.5 | 88.6 | 2.3 | 4.9 | 53.1 | 299.8 | 800.8 | 1 124.5 | 52.9 | 3.3 | 204.3 | |
| | Indiana | 7 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.4 | 205.8 | |
| | Kentucky | 11 | 9 | 4.6 | 125.8 | 3.0 | 6.1 | 75.6 | 408.8 | 788.5 | 1 217.2 | 36.9 | 4.9 | 314.6 | |
| | Louisiana | 18 | 17 | 3.8 | 120.1 | 2.3 | 4.7 | 71.0 | 296.0 | 949.0 | 1 257.5 | 39.9 | 3.9 | 385.7 | |
| | Maryland | 9 | 8 | 1.2 | 20.3 | .7 | 1.4 | 11.1 | 19.9 | 67.1 | 90.3 | 1.8 | 1.6 | 67.2 | |
| | Massachusetts | 20 | 13 | 2.7 | 54.0 | 1.1 | 2.3 | 24.6 | 116.1 | 278.1 | 401.9 | 18.0 | 4.1 | 140.4 | |
| | Michigan | 17 | 9 | 2.6 | 72.2 | 1.4 | 2.8 | 36.9 | 172.4 | 238.4 | 430.1 | (D) | 3.7 | 175.0 | |
| | Mississippi | 10 | 7 | 1.5 | 33.3 | 1.1 | 2.3 | 21.6 | 69.6 | 202.3 | 272.8 | 16.8 | 1.6 | 90.6 | |
| | New Jersey | 54 | 38 | 4.9 | 126.0 | 3.2 | 6.5 | 75.7 | 411.6 | 865.0 | 1 300.4 | 45.1 | 5.7 | 356.9 | |
| | New York | 24 | 12 | 3.5 | 89.8 | 2.0 | 4.2 | 39.2 | 308.7 | 345.7 | 660.2 | (D) | 1.9 | 104.0 | |
| | North Carolina | 30 | 24 | 12.2 | 261.5 | 9.0 | 16.7 | 169.4 | 653.5 | 1 092.8 | 1 763.6 | 53.9 | 16.2 | 722.2 | |
| | Ohio | 35 | 23 | 4.3 | 109.5 | 2.7 | 5.4 | 62.4 | 400.6 | 818.1 | 1 221.2 | 162.0 | 5.3 | 306.4 | |
| | Pennsylvania | 26 | 20 | 4.6 | 103.3 | 3.0 | 5.6 | 60.9 | 214.1 | 444.6 | 668.4 | 32.4 | 5.1 | 228.1 | |
| | South Carolina | 23 | 21 | 17.9 | 383.3 | 13.0 | 24.3 | 237.9 | 1 047.8 | 1 625.9 | 2 681.4 | 142.6 | 20.8 | 681.4 | |
| | Tennessee | 18 | 16 | 17.4 | 415.9 | 12.1 | 22.4 | 250.6 | 606.2 | 1 457.0 | 2 100.3 | 86.1 | 19.8 | 602.3 | |
| | Texas | 57 | 43 | 13.8 | 428.8 | 8.1 | 16.8 | 235.7 | 1 459.2 | 4 181.5 | 5 695.9 | 453.2 | 10.8 | 981.7 | |
| | Virginia | 16 | 11 | 15.9 | 394.4 | 11.6 | 22.7 | 258.1 | 998.9 | 1 147.7 | 2 065.2 | 98.2 | 19.1 | 707.4 | |
| | West Virginia | 5 | 3 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 5.0 | 362.3 | |
| | Wisconsin | 6 | 4 | .5 | 11.9 | .3 | .6 | 5.4 | 34.9 | 51.8 | 87.1 | .7 | .6 | 41.2 | |
| 283 | Drugs | 1 281 | 593 | 165.7 | 3 965.5 | 84.1 | 163.1 | 1 556.2 | 16 980.6 | 7 749.4 | 24 695.4 | 1 248.1 | 156.4 | 9 939.9 | |
| | Arizona | 11 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) | |
| | Arkansas | 2 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) | (NA) | |
| | California | 178 | 80 | 14.9 | 310.8 | 7.0 | 13.6 | 109.6 | 937.2 | 615.6 | 1 544.4 | 58.9 | 11.8 | 480.7 | |
| | Colorado | 13 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .5 | 15.6 | |
| | Connecticut | 22 | 12 | 4.4 | 120.7 | 2.3 | 5.1 | 49.4 | 362.5 | 161.6 | 522.5 | (D) | FF | (D) | |
| | Delaware | 4 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .4 | 47.5 | |
| | Florida | 47 | 18 | 3.6 | 64.3 | 2.1 | 4.0 | 28.3 | 212.6 | 127.1 | 336.5 | (D) | 1.5 | 55.1 | |
| | Georgia | 28 | 12 | 1.8 | 36.2 | 1.1 | 2.3 | 24.2 | 295.0 | 99.7 | 400.2 | 13.3 | EE | (D) | |
| | Illinois | 60 | 28 | 11.0 | 271.2 | 3.5 | 6.8 | 69.9 | 966.6 | 287.8 | 1 266.3 | 102.6 | 15.4 | 756.2 | |
| | Indiana | 30 | 23 | 16.2 | 501.4 | 6.0 | 12.4 | 134.4 | 1 462.5 | 1 059.3 | 2 533.1 | 165.7 | 15.1 | 952.9 | |
| | Iowa | 20 | 8 | 1.1 | 24.5 | .5 | 1.0 | 9.4 | 101.8 | 60.4 | 161.9 | 4.8 | 1.0 | 45.5 | |
| | Kansas | 15 | 10 | 1.8 | 35.8 | .9 | 1.8 | 13.9 | 178.9 | 89.3 | 270.2 | 6.1 | CC | (D) | |
| | Louisiana | 18 | 4 | .5 | 10.1 | .2 | .4 | 2.3 | 34.6 | 20.1 | 55.1 | (D) | .3 | 14.0 | |
| | Maryland | 28 | 12 | 2.0 | 35.8 | 1.0 | 2.0 | 15.0 | 145.7 | 68.9 | 217.2 | 11.5 | 1.9 | 81.6 | |
| | Massachusetts | 33 | 16 | 1.7 | 37.2 | .9 | 1.9 | 13.2 | 90.5 | 33.6 | 127.3 | 17.1 | 1.4 | 49.6 | |
| | Michigan | 35 | 12 | 5.8 | 146.9 | 4.2 | 8.0 | 102.5 | 728.1 | 474.2 | 1 190.3 | 56.8 | 7.6 | 472.1 | |
| | Minnesota | 13 | 6 | .5 | 9.9 | .3 | .5 | 3.5 | 30.9 | 33.5 | 64.1 | (D) | .5 | 17.6 | |
| | Mississippi | 6 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) | |
| | Missouri | 43 | 21 | 5.4 | 127.8 | 2.8 | 5.3 | 48.4 | 529.1 | 284.8 | 832.4 | 29.2 | 5.9 | 275.7 | |
| | Nebraska | 19 | 7 | 1.1 | 22.0 | .7 | 1.5 | 10.1 | 140.0 | 56.6 | 197.4 | 6.6 | 1.0 | 91.9 | |
| | New Jersey | 143 | 90 | 31.6 | 847.0 | 13.4 | 26.0 | 272.1 | 3 021.9 | 1 340.7 | 4 347.0 | 247.6 | FF | (D) | |
| | New York | 144 | 67 | 16.7 | 380.3 | 9.7 | 18.4 | 185.0 | 2 237.5 | 785.8 | 2 978.2 | 79.1 | 18.1 | 1 112.3 | |
| | North Carolina | 27 | 15 | 8.3 | 136.5 | 6.5 | 12.5 | 90.2 | 883.1 | 336.3 | 1 246.3 | 69.3 | 6.7 | 442.0 | |
| | Ohio | 41 | 23 | 3.4 | 77.7 | 1.2 | 2.4 | 18.5 | 286.7 | 91.9 | 366.1 | 9.1 | 2.9 | 107.6 | |
| | Pennsylvania | 58 | 29 | 13.7 | 388.3 | 7.9 | 14.9 | 182.3 | 2 357.0 | 797.4 | 3 140.9 | 123.3 | 14.8 | 1 383.7 | |
| | South Carolina | 13 | 4 | .8 | 13.8 | .6 | 1.2 | 10.4 | 134.7 | 54.8 | 188.1 | (D) | BB | (D) | |
| | Tennessee | 19 | 8 | 3.1 | 49.6 | 1.8 | 2.9 | 20.8 | 244.6 | 101.6 | 364.1 | (D) | 2.8 | 163.2 | |
| | Texas | 56 | 21 | 3.3 | 67.3 | 1.6 | 3.1 | 27.0 | 298.5 | 121.2 | 402.1 | 17.9 | 2.6 | 114.8 | |
| | Utah | 21 | 8 | .7 | 10.0 | .4 | .7 | 4.6 | 44.4 | 23.3 | 65.7 | 7.0 | CC | (D) | |
| | Virginia | 21 | 11 | 3.3 | 94.4 | 1.3 | 2.6 | 24.6 | 504.6 | 260.9 | 761.2 | 53.5 | 3.4 | 209.3 | |
| | West Virginia | 4 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | AA | (D) | |
| | Wisconsin | 15 | 8 | .6 | 12.3 | .3 | .6 | 5.1 | 34.2 | 16.0 | 52.6 | 1.5 | .6 | 22.0 | |
| 284 | Soaps, cleaners, and toilet goods .. | 2 379 | 804 | 127.3 | 2 581.1 | 75.4 | 148.0 | 1 291.3 | 15 281.8 | 10 686.8 | 26 031.4 | 650.1 | 111.6 | 9 407.2 | |
| | Alabama | 15 | 4 | .6 | 9.5 | .4 | .7 | 5.2 | 74.4 | 41.9 | 116.8 | 2.0 | .8 | 64.5 | |
| | Arizona | 16 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) | |
| | Arkansas | 7 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) | |
| | California | 359 | 112 | 11.3 | 220.0 | 6.9 | 13.4 | 117.6 | 1 060.0 | 914.2 | 1 967.7 | 71.8 | 11.4 | 725.6 | |
| | Connecticut | 31 | 11 | 2.6 | 50.2 | 1.3 | 2.8 | 21.0 | 449.7 | 228.0 | 672.7 | 15.0 | FF | (D) | |
| | Florida | 98 | 20 | 1.8 | 30.3 | 1.0 | 2.1 | 13.4 | 140.9 | 102.8 | 244.7 | 7.8 | 1.7 | 68.3 | |
| | Georgia | 66 | 28 | 3.6 | 71.8 | 2.2 | 4.4 | 33.8 | 478.4 | 380.3 | 860.6 | 12.5 | 2.7 | 260.7 | |
| | Illinois | 169 | 72 | 11.7 | 235.1 | 8.0 | 15.9 | 142.6 | 1 836.8 | 1 181.6 | 3 007.5 | 73.9 | 10.8 | 1 147.3 | |
| | Indiana | 40 | 13 | 2.9 | 73.7 | 1.7 | 3.2 | 39.8 | 394.5 | 383.1 | 791.1 | (D) | 3.1 | 253.4 | |
| | Iowa | 19 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.0 | 227.4 | |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|--|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|------------------------------------|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All employees ² (1,000) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 28 | Chemicals and allied products—Con. | | | | | | | | | | | | | |
| 284 | Soaps, cleaners, and toilet goods—Con. | | | | | | | | | | | | | |
| | Kansas | 18 | 11 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Louisiana | 34 | 9 | 1.2 | 34.9 | .7 | 1.4 | 16.8 | 162.7 | 430.0 | 592.5 | (D) | .4 | 46.7 |
| | Maryland | 27 | 12 | 3.1 | 72.8 | 1.8 | 3.6 | 37.9 | 492.1 | 383.6 | 873.2 | 34.8 | 2.8 | 250.4 |
| | Massachusetts | 75 | 22 | 2.9 | 60.3 | 1.9 | 3.7 | 30.9 | 318.7 | 234.4 | 554.2 | 17.1 | 3.5 | 269.6 |
| | Michigan | 98 | 19 | 5.0 | 115.1 | 2.3 | 4.3 | 44.0 | 414.0 | 540.4 | 957.8 | 25.8 | 2.9 | 237.9 |
| | Minnesota | 42 | 19 | 2.9 | 59.0 | 1.4 | 2.8 | 25.3 | 281.1 | 190.9 | 482.6 | 8.3 | 2.2 | 183.0 |
| | Missouri | 75 | 26 | 5.7 | 128.0 | 2.9 | 5.7 | 54.2 | 610.1 | 510.9 | 1 125.1 | 27.6 | 4.7 | 316.7 |
| | New Jersey | 217 | 108 | 25.0 | 508.7 | 13.3 | 26.7 | 228.3 | 2 258.7 | 1 391.3 | 3 667.0 | 71.6 | 22.2 | 1 471.3 |
| | New York | 258 | 80 | 11.7 | 214.3 | 7.6 | 14.2 | 104.9 | 1 408.2 | 714.5 | 2 126.0 | 57.7 | 11.5 | 923.8 |
| | North Carolina | 58 | 25 | 3.2 | 55.1 | 1.9 | 3.5 | 22.4 | 302.3 | 238.8 | 541.7 | 26.6 | 1.9 | 111.6 |
| | Ohio | 113 | 42 | 7.1 | 164.8 | 4.7 | 9.3 | 101.5 | 1 664.4 | 796.3 | 2 470.1 | 53.3 | 6.9 | 1 132.9 |
| | Pennsylvania | 102 | 30 | 2.8 | 52.4 | 1.7 | 3.4 | 26.5 | 203.0 | 220.7 | 423.3 | 13.1 | 2.9 | 155.9 |
| | Rhode Island | 17 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .8 | 16.1 |
| | South Carolina | 27 | 11 | 1.3 | 22.9 | .8 | 1.5 | 12.1 | 132.4 | 124.4 | 253.9 | 6.2 | EE | (D) |
| | Tennessee | 42 | 16 | 2.3 | 37.8 | 1.6 | 3.2 | 20.6 | 191.4 | 133.4 | 324.3 | 5.3 | 1.6 | 96.4 |
| | Texas | 144 | 43 | 5.1 | 94.9 | 3.0 | 6.0 | 49.3 | 499.0 | 431.6 | 942.0 | 37.6 | 2.2 | 184.9 |
| | Utah | 11 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) | (NA) |
| | Virginia | 19 | 4 | 1.6 | 28.3 | 1.0 | 1.7 | 16.2 | 171.4 | 65.1 | 235.5 | (D) | CC | (D) |
| | Wisconsin | 51 | 19 | 3.0 | 87.5 | 1.6 | 3.0 | 38.8 | 506.5 | 289.6 | 797.9 | 9.9 | 2.6 | 302.3 |
| 285 | Paints and allied products | 1 441 | 620 | 54.1 | 1 157.7 | 27.6 | 53.6 | 481.1 | 3 952.5 | 5 167.6 | 9 162.1 | 219.2 | 61.4 | 2 821.3 |
| | Alabama | 14 | 8 | .5 | 9.4 | .2 | .5 | 3.3 | 26.2 | 40.6 | 67.8 | 1.8 | .4 | 14.3 |
| | California | 204 | 78 | 6.5 | 136.4 | 3.4 | 6.4 | 59.3 | 558.3 | 757.3 | 1 321.4 | 67.7 | 7.7 | 386.3 |
| | Florida | 83 | 28 | 1.5 | 27.1 | .8 | 1.5 | 11.0 | 83.0 | 122.0 | 203.3 | (D) | 1.1 | 34.6 |
| | Georgia | 37 | 16 | 1.6 | 33.2 | .7 | 1.4 | 12.3 | 163.3 | 187.8 | 353.9 | (D) | 1.7 | 108.2 |
| | Illinois | 118 | 67 | 5.9 | 129.1 | 3.3 | 6.5 | 56.8 | 408.0 | 611.7 | 1 026.5 | 18.6 | 8.2 | 364.0 |
| | Indiana | 35 | 11 | 1.2 | 27.0 | .6 | 1.0 | 9.5 | 59.2 | 98.8 | 162.5 | 2.2 | 1.3 | 46.9 |
| | Iowa | 12 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .6 | 26.0 |
| | Kentucky | 20 | 17 | 1.4 | 28.2 | .6 | 1.3 | 11.9 | 168.3 | 170.4 | 337.9 | (D) | 1.7 | 119.8 |
| | Maryland | 20 | 14 | 1.2 | 24.1 | .6 | 1.2 | 9.9 | 117.8 | 145.7 | 267.6 | 3.2 | 1.6 | 52.8 |
| | Massachusetts | 48 | 22 | 1.4 | 26.7 | .7 | 1.4 | 11.1 | 109.5 | 91.4 | 201.9 | (D) | 1.2 | 48.3 |
| | Michigan | 62 | 21 | 2.8 | 77.0 | 1.5 | 2.6 | 34.8 | 235.9 | 240.3 | 478.3 | 18.1 | 3.9 | 218.4 |
| | Minnesota | 17 | 6 | .5 | 11.5 | .2 | .4 | 2.8 | 27.1 | 39.0 | 63.7 | .8 | .5 | 17.1 |
| | Missouri | 54 | 22 | 2.2 | 44.0 | 1.1 | 2.1 | 19.1 | 189.0 | 168.4 | 356.0 | 4.7 | 2.2 | 95.8 |
| | New Jersey | 122 | 58 | 4.3 | 91.5 | 2.5 | 4.7 | 43.0 | 282.8 | 413.6 | 707.6 | 11.5 | 5.5 | 277.9 |
| | New York | 98 | 29 | 2.4 | 44.9 | 1.3 | 2.5 | 18.9 | 119.8 | 142.4 | 267.0 | 4.4 | 3.3 | 129.4 |
| | North Carolina | 26 | 15 | 1.8 | 39.3 | .7 | 1.3 | 9.9 | 86.7 | 162.3 | 248.5 | 4.0 | 1.3 | 46.5 |
| | Ohio | 90 | 49 | 5.0 | 116.4 | 2.3 | 4.7 | 45.8 | 374.9 | 527.6 | 904.3 | (D) | 5.8 | 282.4 |
| | Pennsylvania | 58 | 26 | 3.2 | 74.5 | 1.6 | 2.9 | 30.7 | 158.5 | 247.2 | 406.5 | 6.2 | 3.6 | 158.4 |
| | Tennessee | 25 | 9 | .7 | 14.3 | .6 | 1.2 | 8.9 | 40.2 | 90.7 | 131.7 | 2.7 | .6 | 12.5 |
| | Texas | 80 | 40 | 3.5 | 68.8 | 1.8 | 3.5 | 28.0 | 294.4 | 368.4 | 664.0 | 8.4 | 3.5 | 179.0 |
| | Virginia | 16 | 9 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Washington | 24 | 10 | .6 | 12.6 | .3 | .5 | 4.5 | 34.6 | 42.6 | 77.7 | 1.2 | .6 | 26.3 |
| | Wisconsin | 37 | 14 | 1.2 | 22.7 | .6 | 1.1 | 8.5 | 80.2 | 117.7 | 199.0 | 1.7 | 1.0 | 37.0 |
| 286 | Industrial organic chemicals | 969 | 550 | 143.6 | 4 004.7 | 84.4 | 170.8 | 2 169.1 | 12 340.5 | 25 406.0 | 38 156.8 | 3 075.3 | 152.8 | 12 875.1 |
| | Alabama | 21 | 17 | 3.0 | 76.3 | 1.9 | 3.9 | 42.6 | 221.7 | 447.3 | 696.6 | 32.6 | 2.2 | 200.6 |
| | Arkansas | 19 | 6 | 1.6 | 40.5 | 1.2 | 2.5 | 26.3 | 129.2 | 191.2 | 326.4 | 27.1 | 1.1 | 90.2 |
| | California | 61 | 27 | 2.8 | 67.3 | 1.6 | 3.1 | 36.3 | 284.0 | 332.1 | 618.2 | 14.8 | 3.9 | 233.6 |
| | Connecticut | 17 | 12 | 1.5 | 48.7 | .7 | 1.4 | 16.8 | 84.3 | 154.3 | 237.7 | 13.7 | 1.4 | 72.1 |
| | Delaware | 10 | 6 | 1.4 | 37.1 | .8 | 1.7 | 21.2 | 104.5 | 116.2 | 224.0 | (D) | 1.1 | 67.4 |
| | Florida | 24 | 12 | 2.1 | 49.3 | 1.2 | 2.7 | 26.0 | 142.3 | 216.7 | 364.6 | 47.7 | 2.0 | 104.5 |
| | Georgia | 24 | 14 | 2.1 | 47.8 | 1.4 | 3.0 | 29.6 | 150.3 | 303.4 | 449.4 | 18.5 | 2.2 | 128.5 |
| | Illinois | 48 | 28 | 4.7 | 127.1 | 3.0 | 6.4 | 78.0 | 454.8 | 890.9 | 1 354.7 | 65.0 | 4.6 | 333.5 |
| | Indiana | 8 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .8 | 72.2 |
| | Kansas | 11 | 3 | .8 | 20.2 | .5 | .9 | 10.8 | 55.5 | 110.5 | 169.4 | (D) | .2 | 21.7 |
| | Kentucky | 14 | 10 | 2.2 | 61.1 | 1.5 | 3.3 | 40.7 | 155.2 | 328.7 | 489.4 | 71.1 | 3.4 | 289.0 |
| | Louisiana | 32 | 26 | 15.7 | 472.6 | 9.4 | 19.8 | 277.4 | 1 339.9 | 4 296.1 | 5 611.8 | 523.0 | 16.0 | 1 689.0 |
| | Maryland | 7 | 3 | .6 | 15.7 | .3 | .6 | 7.0 | 135.2 | 201.6 | 343.7 | (D) | .7 | 48.9 |
| | Massachusetts | 26 | 10 | 1.6 | 39.2 | .9 | 1.8 | 19.3 | 87.9 | 128.7 | 219.5 | 12.7 | 1.5 | 63.3 |
| | Michigan | 28 | 21 | 8.1 | 235.1 | 3.9 | 7.5 | 103.5 | 279.5 | 567.8 | 882.9 | 112.0 | 8.3 | 422.9 |
| | Missouri | 40 | 13 | 3.2 | 68.2 | 2.1 | 4.3 | 40.7 | 265.1 | 246.2 | 513.1 | 31.7 | 2.6 | 153.4 |
| | New Jersey | 114 | 72 | 14.4 | 406.4 | 8.4 | 16.4 | 212.6 | 887.6 | 1 705.9 | 2 707.4 | 136.5 | 20.1 | 1 118.6 |
| | New York | 61 | 32 | 5.5 | 132.5 | 3.3 | 6.4 | 71.3 | 411.5 | 500.2 | 907.7 | 134.6 | 7.1 | 369.6 |
| | North Carolina | 25 | 14 | 2.3 | 49.3 | 1.2 | 2.4 | 23.8 | 154.5 | 360.5 | 505.4 | (D) | 2.0 | 115.9 |
| | Ohio | 52 | 31 | 5.3 | 128.8 | 3.3 | 6.7 | 75.6 | 344.3 | 821.5 | 1 180.8 | 76.5 | 5.4 | 402.3 |
| | Pennsylvania | 37 | 26 | 4.8 | 116.4 | 2.8 | 5.5 | 64.0 | 400.3 | 687.9 | 1 139.5 | 44.8 | 6.0 | 286.6 |
| | Rhode Island | 4 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | South Carolina | 28 | 21 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.9 | 142.9 |
| | Tennessee | 16 | 13 | 6.8 | 188.4 | 3.8 | 7.4 | 90.9 | 386.1 | 903.2 | 1 198.6 | (D) | 6.4 | 212.0 |
| | Texas | 111 | 73 | 32.9 | 1 061.4 | 17.7 | 36.1 | 539.9 | 4 353.0 | 9 180.7 | 13 841.8 | 1 096.1 | 32.2 | 4 761.5 |
| | Virginia | 6 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | West Virginia | 18 | 18 | 9.9 | 274.8 | 6.9 | 13.5 | 180.6 | 726.6 | 1 386.2 | 2 030.4 | 116.6 | 12.1 | 814.8 |
| | Wisconsin | 20 | 6 | .9 | 19.1 | .5 | 1.0 | 9.3 | 82.9 | 71.1 | 152.0 | 3.8 | .6 | 27.5 |
| 287 | Agricultural chemicals | 1 127 | 417 | 50.9 | 1 155.8 | 31.7 | 64.4 | 644.1 | 5 096.9 | 9 345.9 | 14 652.5 | 698.7 | 53.9 | 3 807.9 |
| | Alabama | 27 | 10 | 2.0 | 47.4 | 1.2 | 2.5 | 26.0 | 172.4 | 281.2 | 454.2 | 22.1 | 2.3 | 144.2 |
| | Arkansas | 10 | 6 | .6 | 13.6 | .4 | .8 | 8.5 | 105.4 | 120.9 | 226.7 | 4.1 | .9 | 78.5 |
| | California | 102 | 28 | 2.7 | 62.2 | 1.7 | 3.4 | 34.1 | 240.4 | 421.5 | 681.8 | 28.2 | 3.4 | 224.8 |
| | Florida | 93 | 49 | 8.0 | 175.4 | 5.5 | 11.4 | 110.9 | 510.8 | 1 700.4 | 2 244.9 | 191.7 | 8.2 | 373.3 |
| | Georgia | 57 | 26 | 2.8 | 50.6 | 1.7 | 3.5 | 28.5 | 142.3 | 334.7 | 488.2 | 76.5 | 2.6 | 168.3 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|---|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | |
| 28 | Chemicals and allied products—Con. | | | | | | | | | | | | |
| 287 | Agricultural chemicals—Con. | | | | | | | | | | | | |
| | Idaho | 6 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| | Illinois | 52 | 21 | 1.3 | 25.1 | .8 | 1.7 | 13.9 | 125.2 | 327.6 | 466.4 | 7.8 | 1.6 |
| | Indiana | 30 | 7 | 1.8 | 47.5 | 1.0 | 1.8 | 24.2 | 274.2 | 538.2 | (D) | 1.7 | 188.5 |
| | Iowa | 31 | 13 | 1.7 | 40.3 | 1.0 | 2.0 | 21.9 | 433.8 | 610.3 | 1 033.2 | 25.1 | 1.3 |
| | Kansas | 8 | 4 | .8 | 16.4 | .5 | 1.0 | 10.0 | 28.2 | 122.0 | 157.7 | .9 | 1.0 |
| | Kentucky | 19 | 7 | .6 | 10.7 | .4 | .7 | 4.5 | 32.6 | 80.3 | 115.5 | 3.0 | .6 |
| | Louisiana | 28 | 19 | 4.7 | 143.9 | 3.0 | 6.3 | 85.5 | 664.5 | 1 272.2 | 1 960.6 | 73.8 | 3.1 |
| | Minnesota | 45 | 5 | .5 | 7.4 | .4 | .7 | 4.8 | 15.3 | 74.9 | 94.3 | .9 | .4 |
| | Mississippi | 16 | 7 | 1.5 | 32.4 | .8 | 1.8 | 15.9 | 120.4 | 169.5 | 296.8 | 4.1 | 1.7 |
| | Missouri | 32 | 14 | 2.7 | 68.7 | 1.4 | 2.9 | 28.5 | 401.5 | 349.4 | 737.8 | 19.9 | 3.1 |
| | Nebraska | 20 | 8 | .7 | 17.1 | .5 | .9 | 8.3 | 149.8 | 188.7 | 346.2 | 9.2 | .6 |
| | New Jersey | 27 | 12 | .6 | 11.8 | .4 | .8 | 6.0 | 133.7 | 101.1 | 225.8 | 1.9 | 1.0 |
| | New York | 42 | 10 | .7 | 13.6 | .5 | 1.0 | 7.4 | 46.9 | 103.0 | 147.5 | 4.4 | .9 |
| | North Carolina | 47 | 22 | 2.6 | 47.0 | 1.8 | 3.5 | 29.4 | 129.1 | 425.9 | 574.6 | (D) | 2.5 |
| | Ohio | 44 | 21 | 2.1 | 45.3 | .9 | 1.8 | 18.2 | 214.4 | 357.7 | 593.9 | 48.1 | 2.6 |
| | Oklahoma | 13 | 6 | .7 | 17.5 | .4 | .8 | 10.6 | 94.2 | 288.2 | 383.8 | 18.7 | .6 |
| | Pennsylvania | 45 | 13 | 1.0 | 17.0 | .7 | 1.3 | 9.0 | 49.1 | 133.0 | 184.5 | 7.1 | 1.2 |
| | Tennessee | 20 | 11 | .9 | 18.1 | .7 | 1.3 | 11.7 | 89.9 | 168.6 | 268.3 | 3.8 | 1.5 |
| | Texas | 80 | 33 | 3.8 | 97.2 | 2.3 | 4.6 | 51.0 | 426.7 | 530.0 | 971.9 | 71.4 | 4.4 |
| | Virginia | 25 | 12 | .8 | 11.8 | .5 | 1.0 | 5.9 | 26.5 | 88.0 | 117.2 | 2.9 | 1.0 |
| | Washington | 20 | 4 | .5 | 10.1 | .3 | .5 | 5.9 | 27.6 | 78.9 | 103.6 | 4.7 | .5 |
| 289 | Miscellaneous chemical products— | 2 733 | 866 | 82.3 | 1 725.1 | 49.0 | 96.7 | 888.5 | 5 432.6 | 6 847.4 | 12 330.4 | 519.1 | 76.9 |
| | Alabama | 28 | 11 | 1.7 | 40.6 | 1.2 | 2.3 | 26.0 | 168.2 | 207.6 | 375.6 | 16.2 | CC |
| | California | 352 | 111 | 7.9 | 155.8 | 4.6 | 8.9 | 77.7 | 437.9 | 526.9 | 973.0 | 34.3 | 6.3 |
| | Connecticut | 47 | 17 | 2.3 | 50.7 | .8 | 1.4 | 12.5 | 122.2 | 93.4 | 216.8 | 8.3 | 1.3 |
| | Florida | 66 | 7 | .9 | 16.0 | .5 | 1.1 | 8.6 | 35.3 | 57.8 | 91.3 | 4.6 | 1.0 |
| | Georgia | 80 | 33 | 1.9 | 36.9 | 1.2 | 2.3 | 18.4 | 166.1 | 212.7 | 381.3 | 8.2 | 1.6 |
| | Illinois | 216 | 85 | 6.7 | 152.0 | 3.8 | 7.5 | 72.7 | 609.3 | 777.7 | 1 391.1 | 32.3 | 7.4 |
| | Indiana | 47 | 12 | .9 | 16.1 | .6 | 1.1 | 8.8 | 58.0 | 93.2 | 150.4 | 3.6 | .9 |
| | Kansas | 25 | 15 | 2.0 | 40.4 | 1.4 | 2.9 | 26.1 | 135.9 | 101.4 | 238.7 | 8.4 | 1.3 |
| | Kentucky | 30 | 10 | .9 | 17.4 | .6 | 1.2 | 9.8 | 73.0 | 139.1 | 217.0 | 12.6 | .6 |
| | Louisiana | 42 | 13 | 1.4 | 32.0 | 1.0 | 2.1 | 21.4 | 170.5 | 273.2 | 446.6 | 18.3 | 1.8 |
| | Maryland | 34 | 11 | 1.0 | 18.9 | .7 | 1.2 | 11.1 | 57.4 | 60.3 | 117.1 | 4.2 | 1.2 |
| | Massachusetts | 75 | 27 | 2.4 | 54.8 | 1.4 | 2.6 | 27.2 | 134.8 | 160.9 | 294.7 | 15.5 | 2.7 |
| | Michigan | 112 | 44 | 3.6 | 77.9 | 2.1 | 4.5 | 40.7 | 252.9 | 310.8 | 571.1 | 20.7 | 3.7 |
| | Minnesota | 53 | 14 | 1.7 | 48.7 | 1.1 | 2.4 | 27.6 | 121.7 | 165.7 | 292.4 | 11.5 | .7 |
| | Missouri | 73 | 28 | 2.2 | 44.3 | 1.5 | 2.8 | 25.5 | 142.1 | 152.0 | 290.8 | 8.4 | 3.2 |
| | New Jersey | 215 | 79 | 6.8 | 145.6 | 3.9 | 7.6 | 72.8 | 472.0 | 603.1 | 1 079.3 | 32.0 | 7.4 |
| | New Mexico | 9 | 3 | .5 | 9.8 | .3 | .6 | 5.6 | 7.9 | 13.9 | 21.5 | 2.5 | .3 |
| | New York | 160 | 39 | 4.6 | 98.8 | 3.0 | 5.6 | 54.2 | 340.0 | 421.2 | 763.0 | 24.0 | 3.9 |
| | North Carolina | 67 | 17 | 2.0 | 29.9 | 1.1 | 2.1 | 12.5 | 97.3 | 127.0 | 225.0 | 3.7 | 1.5 |
| | Ohio | 186 | 69 | 7.7 | 165.6 | 4.1 | 8.4 | 78.2 | 415.3 | 598.1 | 1 019.1 | 49.0 | 7.7 |
| | Oklahoma | 33 | 8 | .7 | 15.1 | .5 | .9 | 8.9 | 54.2 | 80.3 | 135.5 | 10.3 | .3 |
| | Pennsylvania | 137 | 49 | 4.2 | 83.2 | 2.4 | 4.5 | 40.1 | 206.5 | 272.7 | 481.2 | 12.9 | 4.5 |
| | South Carolina | 26 | 4 | .8 | 16.6 | .5 | 1.1 | 8.8 | 46.6 | 41.8 | 89.9 | 4.1 | (NA) |
| | Tennessee | 54 | 16 | 2.6 | 52.6 | 1.6 | 3.1 | 28.1 | 129.1 | 138.8 | 269.5 | 3.7 | 2.6 |
| | Texas | 218 | 74 | 5.9 | 122.0 | 3.5 | 7.1 | 65.6 | 496.9 | 621.2 | 1 122.6 | 144.4 | 5.5 |
| | Utah | 21 | 8 | .5 | 8.2 | .4 | .8 | 5.9 | 22.2 | 23.8 | 46.1 | 2.1 | .4 |
| | Virginia | 36 | 7 | 3.6 | 69.9 | 2.4 | 4.4 | 41.2 | 158.6 | 84.8 | 244.0 | 1.1 | 2.9 |
| | West Virginia | 8 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .7 |
| | Wisconsin | 66 | 21 | 1.5 | 31.5 | .7 | 1.9 | 11.5 | 94.6 | 143.0 | 237.7 | 5.6 | 1.7 |
| 29 | Petroleum and coal products | 2 322 | 848 | 151.6 | 4 338.7 | 99.6 | 205.2 | 2 612.7 | 22 068.5 | 185 191.1 | 208 918.6 | 6 578.9 | 146.8 |
| | Alabama | 36 | 18 | 1.7 | 35.2 | 1.3 | 2.7 | 24.7 | 100.9 | 1 304.4 | 1 452.5 | (D) | 1.4 |
| | Arkansas | 22 | 13 | 1.6 | 36.2 | 1.0 | 2.3 | 21.3 | 620.8 | 992.1 | 1 591.1 | 28.2 | 2.1 |
| | California | 254 | 87 | 18.8 | 568.5 | 11.7 | 24.5 | 328.3 | 4 155.5 | 21 061.7 | 25 440.1 | 1 034.8 | 18.5 |
| | Colorado | 26 | 8 | .8 | 21.5 | .6 | 1.2 | 14.3 | 57.3 | 976.2 | 1 034.3 | 32.2 | .8 |
| | Connecticut | 33 | 4 | .6 | 13.0 | .4 | .7 | 7.6 | 49.8 | 74.5 | 124.4 | 2.8 | .6 |
| | Delaware | 15 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Florida | 61 | 27 | 1.4 | 25.8 | 1.1 | 2.3 | 16.6 | 162.6 | 198.6 | 361.6 | 6.4 | .8 |
| | Georgia | 52 | 15 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.1 |
| | Illinois | 116 | 48 | 8.6 | 245.7 | 5.7 | 11.8 | 155.9 | 1 070.9 | 10 581.5 | 11 690.9 | 98.3 | 10.8 |
| | Indiana | 53 | 19 | 3.8 | 114.2 | 2.5 | 5.1 | 71.3 | 199.9 | 4 564.4 | 4 790.8 | (D) | 4.2 |
| | Kansas | 35 | 22 | 4.2 | 107.5 | 2.8 | 6.0 | 68.6 | 243.2 | 5 293.8 | 5 747.2 | 67.0 | 4.1 |
| | Kentucky | 35 | 8 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Louisiana | 79 | 46 | 13.5 | 446.6 | 8.4 | 17.3 | 249.6 | 2 479.1 | 27 899.4 | 30 774.1 | 1 168.0 | 10.8 |
| | Maryland | 43 | 16 | 1.1 | 21.9 | .7 | 1.4 | 12.8 | 103.5 | 200.1 | 301.3 | 7.6 | 1.1 |
| | Massachusetts | 62 | 15 | 1.2 | 29.1 | .8 | 1.8 | 18.8 | 99.2 | 148.1 | 249.0 | 3.6 | 1.3 |
| | Michigan | 71 | 21 | 1.9 | 52.6 | 1.0 | 2.2 | 27.1 | 258.7 | 1 470.3 | 1 723.6 | 10.9 | 2.2 |
| | Minnesota | 37 | 13 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.6 |
| | Mississippi | 24 | 12 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Missouri | 46 | 17 | 1.6 | 37.5 | 1.0 | 2.0 | 23.1 | 81.4 | 540.3 | 647.4 | 11.0 | 1.6 |
| | Montana | 8 | 6 | .9 | 27.1 | .7 | 1.3 | 18.1 | 135.9 | 1 525.2 | 1 644.4 | (D) | 1.0 |
| | New Jersey | 80 | 39 | 7.3 | 212.5 | 4.7 | 10.2 | 127.6 | 587.4 | 7 116.1 | 7 689.3 | (D) | 6.7 |
| | New Mexico | 17 | 8 | .8 | 22.8 | .5 | 1.1 | 13.4 | 276.5 | 1 104.6 | 1 366.6 | 22.8 | .5 |
| | New York | 156 | 32 | 2.1 | 51.1 | 1.4 | 2.9 | 32.3 | 166.0 | 707.4 | 877.7 | 10.4 | 2.4 |
| | Ohio | 182 | 52 | 5.7 | 148.9 | 3.7 | 7.4 | 93.2 | 1 072.0 | 6 274.6 | 7 363.3 | 73.8 | 7.4 |
| | Oklahoma | 59 | 25 | 4.9 | 135.5 | 3.6 | 7.5 | 94.5 | 625.9 | 6 121.9 | 6 666.1 | 68.4 | 5.1 |
| | Oregon | 29 | 12 | .7 | 16.7 | .5 | .8 | 11.3 | 54.1 | 141.9 | 193.7 | 2.6 | .8 |
| | Pennsylvania | 168 | 54 | 9.9 | 280.6 | 6.3 | 12.8 | 169.5 | 671.0 | 9 475.4 | 10 410.3 | 139.0 | 11.0 |
| | South Carolina | 15 | 6 | .5 | 8.2 | .3 | .6 | 4.8 | 23.0 | 65.0 | 88.4 | (D) | .4 |
| | Tennessee | 44 | 14 | 1.2 | 24.3 | .8 | 1.8 | 15.9 | 47.8 | 762.7 | 809.6 | 22.8 | 1.0 |
| | Texas | 212 | 99 | 39.4 | 1 195.7 | 26.0 | 53.2 | 693.5 | 4 778.0 | 55 116.8 | 60 369.7 | 2 469.0 | 35.3 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|--|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|------------------------------------|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All employees ² (1,000) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 29 | Petroleum and coal products—Con. | | | | | | | | | | | | | |
| | Utah | 29 | 8 | 1.0 | 27.8 | .7 | 1.4 | 18.0 | 223.2 | 1 443.1 | 1 669.3 | 19.8 | .8 | 100.1 |
| | Washington | 23 | 15 | 2.9 | 84.6 | 2.0 | 3.5 | 52.9 | 616.0 | 3 976.8 | 4 606.8 | 80.3 | 2.8 | 81.8 |
| | West Virginia | 19 | 8 | .8 | 18.5 | .6 | 1.1 | 14.1 | 77.7 | 387.2 | 462.6 | (D) | .9 | 34.7 |
| | Wisconsin | 29 | 6 | .8 | 23.8 | .5 | 1.2 | 15.8 | 55.4 | 335.2 | 408.0 | (D) | .6 | 36.5 |
| | Wyoming | 20 | 10 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.3 | 149.9 |
| 291 | Petroleum refining | 433 | 311 | 108.3 | 3 397.9 | 71.0 | 147.9 | 2 057.4 | 19 246.8 | 178 524.4 | 199 356.5 | 6 322.4 | 102.5 | 14 423.9 |
| | Alabama | 6 | 5 | .5 | 14.1 | .4 | .9 | 9.7 | 33.7 | 1 101.4 | 1 180.9 | (D) | .5 | 46.3 |
| | Arkansas | 6 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | California | 49 | 36 | 14.5 | 468.1 | 9.1 | 19.2 | 271.5 | 3 813.8 | 20 317.3 | 24 343.8 | 1 002.2 | 14.7 | 2 315.2 |
| | Colorado | 5 | 4 | .5 | 15.2 | .4 | .8 | 11.0 | 38.6 | 940.7 | 979.9 | 31.3 | BB | (D) |
| | Delaware | 2 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Illinois | 14 | 10 | 5.9 | 185.2 | 4.1 | 8.6 | 121.7 | 916.3 | 10 091.4 | 11 030.8 | 81.5 | 6.5 | 1 248.7 |
| | Indiana | 8 | 7 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 3.2 | 279.3 |
| | Kansas | 12 | 11 | 3.4 | 91.0 | 2.2 | 4.9 | 59.5 | 195.2 | 5 165.1 | 5 570.8 | 61.6 | 3.3 | 333.1 |
| | Kentucky | 5 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Louisiana | 43 | 33 | 12.2 | 413.9 | 7.4 | 15.4 | 228.7 | 2 312.8 | 27 464.3 | 30 156.6 | 1 151.4 | 9.5 | 1 745.1 |
| | Michigan | 8 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.1 | 130.8 |
| | Minnesota | 5 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Mississippi | 8 | 8 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Montana | 7 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | New Jersey | 10 | 9 | 4.7 | 155.6 | 3.0 | 6.7 | 93.2 | 435.5 | 6 711.3 | 7 124.1 | (D) | 4.0 | 101.2 |
| | New Mexico | 6 | 5 | .7 | 20.9 | .4 | 1.0 | 12.3 | 269.6 | 1 085.2 | 1 340.4 | (D) | BB | (D) |
| | Ohio | 14 | 9 | 2.5 | 81.1 | 1.7 | 3.4 | 54.2 | 874.5 | 5 739.8 | 6 620.8 | (D) | 2.6 | 456.6 |
| | Oklahoma | 22 | 15 | 3.9 | 114.1 | 2.8 | 5.9 | 80.8 | 570.8 | 5 938.6 | 6 432.9 | 64.2 | 3.9 | 405.4 |
| | Pennsylvania | 26 | 16 | 6.6 | 205.8 | 4.3 | 8.9 | 133.9 | 499.6 | 9 103.8 | 9 860.2 | 125.3 | 7.6 | 939.5 |
| | Texas | 93 | 65 | 36.1 | 1 123.7 | 24.1 | 49.2 | 658.7 | 4 553.7 | 54 625.0 | 59 650.5 | 2 423.2 | 32.4 | 4 075.2 |
| | Utah | 11 | 7 | .9 | 25.2 | .6 | 1.2 | 16.4 | 217.7 | 1 424.9 | 1 645.5 | 19.1 | .8 | 98.1 |
| | Washington | 6 | 6 | 1.6 | 54.7 | 1.1 | 2.2 | 32.7 | 561.0 | 3 858.0 | 4 432.5 | 75.5 | (NA) | (NA) |
| | West Virginia | 4 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Wyoming | 12 | 8 | 1.0 | 31.4 | .7 | 1.7 | 21.7 | 23.2 | 1 638.1 | 1 738.4 | (D) | EE | (D) |
| 295 | Paving and roofing materials | 1 307 | 357 | 29.5 | 629.1 | 21.6 | 43.2 | 424.2 | 1 742.8 | 4 156.1 | 5 948.1 | 133.2 | 32.3 | 1 272.0 |
| | Alabama | 24 | 11 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .8 | 32.9 |
| | Arkansas | 14 | 8 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | California | 142 | 30 | 2.6 | 63.7 | 1.9 | 3.7 | 43.3 | 180.1 | 462.1 | 649.7 | 15.2 | 2.3 | 112.3 |
| | Connecticut | 26 | 2 | .5 | 10.9 | .3 | .6 | 6.9 | 45.1 | 69.5 | 114.8 | 2.6 | CC | (D) |
| | Florida | 45 | 22 | 1.2 | 21.5 | 1.0 | 2.0 | 14.7 | 74.3 | 146.4 | 221.8 | 5.7 | .6 | 22.3 |
| | Georgia | 41 | 9 | .9 | 15.9 | .7 | 1.3 | 11.6 | 56.3 | 156.9 | 213.0 | 4.2 | .9 | 39.6 |
| | Illinois | 50 | 15 | 1.4 | 31.3 | 1.0 | 2.0 | 22.0 | 69.0 | 222.5 | 303.0 | 6.5 | 2.8 | 105.6 |
| | Indiana | 33 | 10 | .8 | 18.1 | .6 | 1.2 | 12.9 | 52.8 | 90.2 | 142.3 | 2.2 | .9 | 38.7 |
| | Louisiana | 11 | 3 | .5 | 10.1 | .3 | .7 | 6.9 | 24.2 | 52.3 | 78.3 | .5 | .7 | 28.9 |
| | Maryland | 33 | 11 | .8 | 14.8 | .6 | 1.1 | 10.3 | 38.0 | 96.9 | 136.1 | 5.7 | .7 | 20.5 |
| | Massachusetts | 44 | 10 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.0 | 44.5 |
| | Minnesota | 23 | 8 | .5 | 11.1 | .4 | .7 | 8.2 | 38.2 | 82.1 | 123.1 | (D) | CC | (D) |
| | Missouri | 34 | 11 | 1.0 | 21.2 | .7 | 1.4 | 15.7 | 48.5 | 118.6 | 167.7 | 9.6 | .8 | 44.7 |
| | New Jersey | 45 | 17 | 1.9 | 38.5 | 1.3 | 2.6 | 25.1 | 95.6 | 227.5 | 328.6 | 4.9 | 1.9 | 64.2 |
| | New York | 130 | 26 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Ohio | 125 | 30 | 2.2 | 46.8 | 1.6 | 3.4 | 33.0 | 151.5 | 355.5 | 516.6 | 10.3 | 3.8 | 142.4 |
| | Oklahoma | 20 | 5 | .6 | 12.3 | .5 | 1.0 | 9.0 | 25.4 | 72.2 | 95.0 | 2.8 | .7 | 16.7 |
| | Oregon | 20 | 10 | .6 | 13.7 | .4 | .6 | 9.6 | 28.9 | 61.5 | 90.1 | (D) | .7 | 23.3 |
| | Pennsylvania | 97 | 18 | 1.6 | 35.2 | 1.1 | 2.2 | 19.1 | 91.3 | 185.5 | 280.7 | 6.5 | 1.9 | 70.0 |
| | South Carolina | 13 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .4 | 12.6 |
| | Tennessee | 36 | 10 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Texas | 55 | 25 | 2.0 | 41.7 | 1.4 | 3.1 | 25.6 | 147.2 | 309.7 | 458.3 | 6.6 | 2.4 | 89.3 |
| | Washington | 14 | 9 | 1.2 | 29.7 | .9 | 1.2 | 20.1 | 54.0 | 116.3 | 170.8 | (D) | 1.3 | 33.2 |
| 299 | Miscellaneous petroleum and coal products | 582 | 180 | 13.8 | 311.7 | 7.0 | 14.1 | 131.1 | 1 078.9 | 2 510.6 | 3 614.1 | 123.4 | 11.9 | 681.7 |
| | California | 63 | 21 | 1.7 | 36.7 | .8 | 1.6 | 13.6 | 161.7 | 282.3 | 446.6 | 17.5 | 1.5 | 112.5 |
| | Illinois | 52 | 23 | 1.3 | 29.3 | .6 | 1.3 | 12.1 | 85.5 | 267.7 | 357.1 | 10.2 | 1.5 | 112.2 |
| | Kansas | 11 | 7 | .5 | 8.5 | .3 | .6 | 3.8 | 32.4 | 77.9 | 110.2 | 2.3 | .5 | 16.6 |
| | Louisiana | 25 | 10 | .9 | 22.8 | .6 | 1.2 | 14.0 | 142.1 | 382.8 | 539.2 | 16.1 | .6 | 83.1 |
| | Michigan | 37 | 11 | .8 | 20.1 | .3 | .6 | 6.2 | 71.1 | 107.4 | 179.9 | (D) | .7 | 30.1 |
| | New Jersey | 25 | 13 | .8 | 18.4 | .4 | .9 | 9.3 | 56.2 | 177.2 | 236.6 | 3.8 | .7 | 44.1 |
| | Ohio | 43 | 13 | .9 | 21.0 | .3 | .6 | 6.0 | 46.0 | 179.3 | 225.9 | 2.9 | 1.0 | 46.5 |
| | Pennsylvania | 45 | 20 | 1.7 | 39.5 | .9 | 1.8 | 16.5 | 80.1 | 186.1 | 269.5 | 7.3 | 1.5 | 54.6 |
| | Texas | 64 | 9 | 1.3 | 30.2 | .5 | .9 | 9.2 | 77.1 | 182.2 | 260.9 | (D) | .5 | 19.5 |
| 30 | Rubber and miscellaneous plastics products | 13 449 | 5 978 | 681.7 | 11 596.8 | 522.6 | 996.0 | 7 691.1 | 27 218.9 | 27 950.0 | 55 415.8 | 2 199.2 | 721.3 | 19 740.0 |
| | Alabama | 123 | 58 | 14.9 | 317.5 | 12.3 | 22.9 | 245.5 | 980.7 | 759.4 | 1 742.3 | 37.4 | 14.8 | 681.4 |
| | Arizona | 144 | 41 | 4.0 | 57.1 | 3.0 | 5.8 | 35.1 | 135.2 | 149.0 | 285.0 | 12.6 | EE | (D) |
| | Arkansas | 96 | 44 | 8.3 | 139.6 | 6.6 | 12.6 | 103.6 | 432.6 | 373.1 | 795.9 | 20.0 | 10.6 | 279.0 |
| | California | 1 985 | 725 | 66.1 | 1 067.9 | 48.8 | 94.7 | 636.4 | 2 398.4 | 2 367.6 | 4 796.9 | 204.3 | 63.6 | 1 698.0 |
| | Colorado | 180 | 50 | 5.1 | 96.2 | 3.7 | 6.9 | 63.6 | 242.8 | 179.0 | 410.2 | 21.4 | 9.3 | 249.2 |
| | Connecticut | 260 | 121 | 12.2 | 202.1 | 8.9 | 17.2 | 118.8 | 423.5 | 432.6 | 863.1 | 36.9 | 13.2 | 294.7 |
| | Delaware | 38 | 28 | 2.4 | 48.2 | 1.6 | 3.0 | 26.9 | 135.0 | 140.1 | 269.1 | 8.1 | 2.5 | 90.0 |
| | Florida | 544 | 161 | 16.0 | 200.1 | 13.2 | 25.0 | 142.3 | 421.8 | 412.8 | 845.5 | 38.2 | 10.8 | 208.6 |
| | Georgia | 263 | 136 | 14.9 | 232.6 | 11.9 | 22.8 | 163.0 | 580.5 | 776.9 | 1 363.8 | 49.5 | FF | (D) |
| | Idaho | 23 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.0 | 55.5 |
| | Illinois | 827 | 395 | 42.7 | 758.9 | 32.5 | 62.7 | 489.2 | 1 678.5 | 1 897.4 | 3 579.4 | 157.1 | 50.1 | 1 320.6 |
| | Indiana | 440 | 238 | 29.9 | 510.8 | 22.8 | 43.2 | 343.2 | 1 141.1 | 1 186.3 | 2 342.1 | 72.5 | 33.0 | 858.2 |
| | Iowa | 119 | 50 | 8.9 | 181.2 | 6.8 | 12.3 | 130.0 | 482.3 | 435.3 | 926.6 | 29.4 | 11.6 | 428.6 |
| | Kansas | 136 | 59 | 7.3 | 131.8 | 5.8 | 10.5 | 93.3 | 295.3 | 368.1 | 669.6 | 39.2 | 8.1 | 321.0 |
| | Kentucky | 122 | 67 | 9.2 | 172.6 | 7.2 | 13.9 | 124.9 | 463.8 | 495.6 | 949.3 | 41.0 | 9.4 | 350.5 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|---|---------------------------------|---|--------------------------------|---------------------------------|--------------------|---------------------|-------------------------------|--|---|--|---|--|---|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expend- itures (million dollars) | All em- ployees ² (1,000) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 30 | Rubber and miscellaneous plastics products—Con. | | | | | | | | | | | | | |
| | Louisiana | 71 | 23 | 1.9 | 29.6 | 1.5 | 3.2 | 21.0 | 77.0 | 90.2 | 167.1 | 5.2 | EE | (D) |
| | Maine | 44 | 23 | 5.4 | 68.1 | 4.5 | 9.1 | 50.8 | 142.6 | 169.0 | 314.0 | 12.2 | 3.9 | 60.7 |
| | Maryland | 107 | 45 | 9.2 | 155.3 | 7.3 | 13.3 | 108.7 | 346.7 | 409.8 | 764.7 | 18.5 | FF | (D) |
| | Massachusetts | 573 | 289 | 31.4 | 490.2 | 24.2 | 47.3 | 318.7 | 1 068.7 | 1 168.1 | 2 240.5 | 87.8 | 30.4 | 727.2 |
| | Michigan | 709 | 331 | 29.7 | 476.0 | 22.6 | 42.6 | 305.9 | 1 024.1 | 1 131.8 | 2 163.3 | 65.6 | 35.6 | 892.0 |
| | Minnesota | 298 | 129 | 12.6 | 212.5 | 9.2 | 17.7 | 134.4 | 473.0 | 425.8 | 900.5 | 43.2 | 10.6 | 244.0 |
| | Mississippi | 89 | 47 | 4.9 | 79.8 | 4.0 | 7.6 | 58.9 | 194.8 | 277.8 | 467.4 | (D) | FF | (D) |
| | Missouri | 251 | 122 | 12.2 | 185.3 | 9.4 | 17.3 | 124.3 | 475.1 | 474.5 | 954.8 | 44.7 | FF | (D) |
| | Nebraska | 59 | 22 | 4.0 | 70.4 | 3.1 | 5.7 | 48.3 | 155.1 | 122.7 | 280.9 | 5.1 | FF | (D) |
| | Nevada | 32 | 15 | 1.1 | 14.9 | .8 | 1.5 | 11.1 | 32.9 | 43.3 | 77.6 | 5.2 | .5 | 11.7 |
| | New Hampshire | 81 | 49 | 8.3 | 120.1 | 6.4 | 11.6 | 78.6 | 213.7 | 264.9 | 479.7 | 16.2 | 7.6 | 154.7 |
| | New Jersey | 753 | 383 | 34.8 | 567.2 | 26.7 | 52.2 | 363.7 | 1 239.0 | 1 351.7 | 2 596.6 | 83.8 | 38.7 | 991.0 |
| | New York | 906 | 379 | 32.7 | 503.2 | 25.1 | 47.5 | 324.1 | 1 169.5 | 1 193.8 | 2 370.8 | 87.1 | 34.5 | 808.8 |
| | North Carolina | 298 | 180 | 26.8 | 438.8 | 21.3 | 39.3 | 313.5 | 1 141.8 | 1 195.1 | 2 340.2 | 90.9 | 21.9 | 618.1 |
| | Ohio | 927 | 488 | 66.5 | 1 293.5 | 49.7 | 94.5 | 850.8 | 2 555.1 | 2 797.8 | 5 450.0 | 245.1 | 98.3 | 2 658.8 |
| | Oklahoma | 120 | 43 | 10.9 | 233.2 | 8.5 | 15.0 | 169.4 | 747.0 | 584.3 | 1 332.5 | 53.9 | 10.0 | 385.3 |
| | Oregon | 128 | 34 | 2.6 | 44.7 | 2.0 | 3.8 | 29.3 | 101.8 | 113.8 | 214.0 | 22.7 | EE | (D) |
| | Pennsylvania | 645 | 309 | 34.7 | 592.4 | 26.6 | 50.6 | 390.7 | 1 290.9 | 1 361.3 | 2 660.2 | 139.4 | 37.9 | 1 023.5 |
| | Rhode Island | 125 | 46 | 5.6 | 84.7 | 4.4 | 8.6 | 54.9 | 233.7 | 195.7 | 430.2 | 21.0 | 5.3 | 152.3 |
| | South Carolina | 124 | 78 | 17.2 | 330.9 | 12.9 | 26.2 | 213.9 | 738.2 | 784.2 | 1 549.6 | 72.7 | 12.5 | 363.0 |
| | Tennessee | 222 | 118 | 19.2 | 338.1 | 14.9 | 28.5 | 238.1 | 943.3 | 979.2 | 1 937.7 | 53.2 | 21.6 | 681.2 |
| | Texas | 771 | 316 | 29.9 | 501.2 | 22.9 | 43.6 | 328.4 | 1 275.8 | 1 289.6 | 2 572.7 | 101.6 | 25.5 | 736.1 |
| | Utah | 65 | 14 | 1.0 | 14.9 | .7 | 1.4 | 9.6 | 34.0 | 34.1 | 68.6 | 1.8 | CC | (D) |
| | Vermont | 34 | 18 | 1.6 | 23.9 | 1.3 | 2.4 | 16.0 | 55.3 | 51.4 | 106.2 | 3.5 | EE | (D) |
| | Virginia | 103 | 57 | 11.6 | 214.8 | 8.7 | 17.0 | 146.2 | 742.0 | 598.8 | 1 334.1 | 75.5 | 11.9 | 418.5 |
| | Washington | 172 | 56 | 4.3 | 76.8 | 3.3 | 6.2 | 49.7 | 183.4 | 178.6 | 362.9 | 15.8 | 3.8 | 104.9 |
| | West Virginia | 39 | 19 | 2.0 | 23.5 | 1.6 | 2.9 | 17.7 | 56.4 | 50.2 | 107.6 | 1.4 | EE | (D) |
| | Wisconsin | 315 | 151 | 15.4 | 267.6 | 11.6 | 21.9 | 176.8 | 569.7 | 577.3 | 1 143.5 | 46.1 | 16.5 | 441.0 |
| 301 | Tires and inner tubes | 164 | 99 | 70.3 | 1 733.9 | 54.6 | 101.1 | 1 285.6 | 4 660.4 | 4 594.6 | 9 340.1 | 227.0 | 114.0 | 4 347.3 |
| | Alabama | 10 | 8 | 9.6 | 240.5 | 8.0 | 14.7 | 191.4 | 721.1 | 556.2 | 1 283.5 | 23.7 | 9.4 | 446.6 |
| | Arkansas | 4 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.5 | 92.6 |
| | California | 17 | 6 | 1.2 | 29.8 | .9 | 1.7 | 20.6 | 66.0 | 84.6 | 149.4 | 2.3 | 6.6 | 253.8 |
| | Georgia | 9 | 8 | 2.6 | 59.1 | 2.0 | 3.9 | 41.9 | 144.8 | 174.3 | 322.3 | (D) | 2.6 | 108.4 |
| | Illinois | 6 | 6 | 4.7 | 116.2 | 3.6 | 6.8 | 84.7 | 288.8 | 389.4 | 674.9 | 18.8 | 5.3 | 229.1 |
| | Indiana | 7 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Iowa | 4 | 4 | 3.1 | 80.4 | 2.4 | 4.2 | 59.5 | 204.4 | 186.4 | 394.1 | 11.2 | 4.2 | 188.1 |
| | Kansas | 1 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Kentucky | 4 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Maryland | 1 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Michigan | 3 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Mississippi | 3 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | New York | 4 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | North Carolina | 8 | 8 | 6.3 | 148.0 | 4.8 | 9.3 | 109.5 | 440.8 | 416.3 | 853.2 | 12.7 | 5.5 | 220.3 |
| | Ohio | 9 | 6 | 3.4 | 90.9 | 2.3 | 4.5 | 58.8 | 170.0 | 301.1 | 492.6 | (D) | 21.8 | 621.1 |
| | Oklahoma | 9 | 6 | 7.2 | 174.5 | 5.7 | 10.1 | 133.0 | 604.1 | 429.3 | 1 036.3 | 34.1 | 6.1 | 283.4 |
| | Pennsylvania | 8 | 4 | 1.6 | 35.8 | 1.2 | 2.1 | 26.8 | 84.1 | 78.9 | 165.6 | (D) | 7.1 | 271.8 |
| | South Carolina | 4 | 3 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Tennessee | 11 | 7 | 5.7 | 141.2 | 4.4 | 8.5 | 103.4 | 396.7 | 365.8 | 776.0 | 12.4 | 8.3 | 326.3 |
| | Texas | 12 | 7 | 3.2 | 76.7 | 2.5 | 4.2 | 56.3 | 180.2 | 214.9 | 406.1 | 4.4 | 3.7 | 149.5 |
| | Virginia | 7 | 4 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Wisconsin | 2 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| 302 | Rubber and plastics footwear | 65 | 40 | 17.6 | 196.5 | 15.0 | 27.8 | 149.1 | 360.1 | 333.8 | 706.2 | 12.4 | 19.8 | 272.3 |
| | California | 5 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Florida | 5 | 2 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Georgia | 5 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Maine | 5 | 5 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .8 | 7.7 |
| | Maryland | 2 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Massachusetts | 4 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | New Hampshire | 4 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.4 | 14.1 |
| | New Jersey | 4 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | North Carolina | 1 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Pennsylvania | 8 | 6 | 1.7 | 19.2 | 1.6 | 2.7 | 15.3 | 41.6 | 34.8 | 76.3 | .6 | 1.7 | 19.4 |
| | Wisconsin | 3 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| 303 | Reclaimed rubber | 25 | 8 | .7 | 11.2 | .6 | 1.0 | 8.3 | 22.6 | 22.1 | 45.1 | .5 | .9 | 24.8 |
| 304 | Rubber and plastics hose and belting | 162 | 117 | 24.9 | 503.1 | 17.7 | 31.9 | 330.4 | 1 027.8 | 887.4 | 1 945.5 | 114.0 | 34.4 | 973.5 |
| | Arkansas | 5 | 5 | .8 | 12.9 | .6 | 1.2 | 9.6 | 72.5 | 35.6 | 103.9 | 2.6 | .7 | 15.8 |
| | California | 17 | 9 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .6 | 16.3 |
| | Colorado | 3 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Illinois | 5 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Kansas | 5 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | Kentucky | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Massachusetts | 4 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.2 | 27.7 |
| | Missouri | 9 | 7 | 1.4 | 24.3 | 1.0 | 1.7 | 16.9 | 57.7 | 49.8 | 111.0 | 12.4 | EE | (D) |
| | Nebraska | 5 | 5 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | New Jersey | 13 | 8 | 1.0 | 18.2 | .6 | 1.2 | 9.2 | 35.4 | 25.6 | 59.1 | (D) | 2.5 | 64.0 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|---|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|------------------------------------|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All employees ² (1,000) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 30 | Rubber and miscellaneous plastics products—Con. | | | | | | | | | | | | | |
| 304 | Rubber and plastics hose and belting—Con. | | | | | | | | | | | | | |
| | North Carolina | 12 | 12 | 2.7 | 50.2 | 2.0 | 3.7 | 35.2 | 113.9 | 70.3 | 189.7 | 7.1 | 2.4 | 89.3 |
| | Ohio | 14 | 14 | 6.5 | 165.1 | 4.2 | 7.0 | 98.9 | 192.3 | 248.7 | 471.2 | (D) | FF | (D) |
| | South Carolina | 4 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .9 | 24.4 |
| | Tennessee | 4 | 4 | .7 | 11.1 | .5 | 1.0 | 7.3 | 23.2 | 37.7 | 62.4 | 1.8 | 1.4 | 30.4 |
| 306 | Fabricated rubber products, n.e.c. . | 1 380 | 686 | 89.4 | 1 561.1 | 66.3 | 128.8 | 990.5 | 3 212.6 | 3 132.0 | 6 365.7 | 219.3 | 98.5 | 2 351.9 |
| | Alabama | 19 | 7 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.9 | 48.3 |
| | Arkansas | 13 | 7 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.5 | 29.3 |
| | California | 182 | 68 | 7.3 | 116.7 | 5.2 | 10.0 | 63.9 | 256.0 | 245.5 | 511.0 | 17.0 | 8.1 | 190.4 |
| | Connecticut | 37 | 23 | 2.1 | 41.0 | 1.5 | 3.1 | 22.2 | 83.1 | 55.6 | 137.7 | 3.8 | EE | (D) |
| | Florida | 33 | 7 | 1.0 | 13.5 | .8 | 1.6 | 10.2 | 33.7 | 19.6 | 52.8 | (D) | .8 | 18.0 |
| | Georgia | 33 | 23 | 2.2 | 28.8 | 1.8 | 3.6 | 20.4 | 63.2 | 87.2 | 150.9 | (D) | 3.4 | 66.6 |
| | Illinois | 71 | 31 | 2.5 | 40.2 | 1.9 | 3.8 | 28.2 | 96.4 | 81.3 | 182.9 | 5.3 | 3.4 | 67.0 |
| | Indiana | 53 | 36 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 10.4 | 273.5 |
| | Iowa | 12 | 5 | 1.2 | 22.6 | .9 | 1.8 | 16.4 | 41.8 | 39.0 | 81.6 | 3.4 | EE | (D) |
| | Maryland | 12 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .8 | 15.6 |
| | Massachusetts | 52 | 33 | 5.4 | 97.6 | 3.9 | 7.7 | 62.4 | 186.9 | 189.0 | 379.9 | (D) | 5.1 | 126.3 |
| | Michigan | 66 | 30 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 4.3 | 106.6 |
| | Minnesota | 23 | 13 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Mississippi | 9 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .8 | 16.8 |
| | Missouri | 20 | 9 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .7 | 11.4 |
| | Nebraska | 4 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | AA | (D) |
| | New Hampshire | 15 | 8 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .9 | 20.3 |
| | New Jersey | 74 | 39 | 3.9 | 67.4 | 2.8 | 5.7 | 39.7 | 138.3 | 110.0 | 249.3 | 8.0 | 4.6 | 113.8 |
| | New York | 74 | 26 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.5 | 46.5 |
| | North Carolina | 27 | 16 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .9 | 20.5 |
| | Ohio | 175 | 108 | 18.1 | 359.2 | 13.1 | 25.9 | 234.8 | 649.1 | 625.3 | 1 289.1 | (D) | 22.4 | 572.6 |
| | Pennsylvania | 55 | 28 | 4.7 | 83.9 | 3.2 | 5.8 | 50.5 | 164.8 | 144.9 | 304.2 | (D) | 3.7 | 77.9 |
| | Rhode Island | 20 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .8 | 13.3 |
| | South Carolina | 19 | 14 | 3.9 | 67.0 | 3.1 | 6.1 | 47.2 | 156.0 | 225.9 | 376.9 | (D) | 1.4 | 29.2 |
| | Tennessee | 32 | 18 | 3.5 | 53.6 | 2.7 | 5.1 | 34.8 | 118.2 | 184.2 | 301.0 | 8.3 | 3.5 | 85.2 |
| | Texas | 90 | 45 | 4.4 | 76.1 | 2.9 | 5.8 | 38.3 | 144.5 | 145.1 | 286.9 | 16.4 | 3.3 | 67.2 |
| | Virginia | 13 | 10 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.8 | 67.4 |
| | Washington | 14 | 8 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .4 | 8.7 |
| | West Virginia | 13 | 9 | .8 | 10.2 | .7 | 1.3 | 8.3 | 19.4 | 18.2 | 37.2 | (D) | .8 | 16.6 |
| | Wisconsin | 28 | 16 | 1.4 | 27.0 | 1.0 | 1.8 | 15.6 | 60.1 | 32.2 | 91.3 | (D) | EE | (D) |
| 307 | Miscellaneous plastics products . . . | 11 653 | 5 028 | 478.9 | 7 591.0 | 368.4 | 705.4 | 4 927.2 | 17 935.3 | 18 980.1 | 37 013.1 | 1 626.0 | 453.7 | 11 770.1 |
| | Alabama | 91 | 43 | 4.4 | 64.3 | 3.6 | 6.9 | 45.5 | 212.5 | 182.2 | 391.2 | 12.8 | FF | (D) |
| | Arizona | 126 | 36 | 3.4 | 49.2 | 2.6 | 5.0 | 30.8 | 118.4 | 135.1 | 253.8 | 10.9 | 1.5 | 35.5 |
| | Arkansas | 72 | 28 | 4.0 | 56.4 | 3.3 | 6.2 | 41.7 | 185.8 | 153.6 | 340.8 | 10.2 | FF | (D) |
| | California | 1 761 | 639 | 55.4 | 895.4 | 41.3 | 80.0 | 536.2 | 2 018.8 | 2 002.2 | 4 044.2 | 183.1 | FF | (D) |
| | Colorado | 163 | 45 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Connecticut | 218 | 95 | 9.7 | 153.6 | 7.1 | 13.7 | 92.2 | 326.5 | 365.4 | 699.5 | 32.7 | 7.4 | 160.7 |
| | Delaware | 34 | 24 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Florida | 498 | 148 | 12.1 | 153.2 | 9.7 | 18.7 | 105.1 | 327.4 | 338.9 | 669.2 | (D) | FF | (D) |
| | Georgia | 213 | 101 | 9.2 | 135.4 | 7.4 | 13.8 | 92.9 | 355.2 | 494.6 | 850.5 | (D) | 5.5 | 142.9 |
| | Idaho | 22 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Illinois | 741 | 352 | 34.3 | 583.1 | 26.1 | 50.5 | 361.7 | 1 251.3 | 1 392.1 | 2 645.8 | 131.1 | 39.1 | 956.7 |
| | Indiana | 375 | 196 | 20.4 | 318.0 | 15.7 | 30.2 | 211.5 | 727.8 | 783.9 | 1 514.4 | 56.8 | FF | (D) |
| | Iowa | 99 | 38 | 4.2 | 72.9 | 3.3 | 5.7 | 50.1 | 221.9 | 194.0 | 418.5 | 14.5 | 5.5 | 193.5 |
| | Kansas | 124 | 54 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Kentucky | 110 | 62 | 6.8 | 112.9 | 5.3 | 10.2 | 78.6 | 282.7 | 361.1 | 635.3 | (D) | 6.1 | 193.8 |
| | Louisiana | 58 | 19 | 1.5 | 23.9 | 1.2 | 2.5 | 17.3 | 61.1 | 77.2 | 137.8 | 4.1 | .9 | 22.2 |
| | Maine | 29 | 13 | 2.3 | 34.4 | 1.8 | 3.7 | 23.6 | 84.0 | 107.1 | 190.8 | (D) | FF | (D) |
| | Maryland | 92 | 36 | 5.1 | 80.1 | 4.0 | 7.4 | 52.9 | 185.0 | 220.0 | 403.9 | 12.9 | 4.3 | 101.3 |
| | Massachusetts | 512 | 249 | 24.7 | 370.1 | 19.3 | 37.6 | 242.9 | 824.2 | 948.5 | 1 770.7 | (D) | FF | (D) |
| | Michigan | 633 | 295 | 25.2 | 384.2 | 19.2 | 35.8 | 243.7 | 833.2 | 941.2 | 1 779.2 | 60.0 | FF | (D) |
| | Minnesota | 269 | 112 | 11.2 | 186.0 | 8.4 | 16.0 | 118.7 | 424.8 | 392.1 | 818.1 | 38.4 | 9.2 | 210.7 |
| | Mississippi | 74 | 42 | 3.0 | 39.8 | 2.5 | 4.7 | 28.7 | 113.4 | 187.0 | 298.8 | (D) | FF | (D) |
| | Missouri | 219 | 105 | 9.3 | 136.3 | 7.3 | 13.3 | 90.6 | 369.3 | 353.3 | 725.6 | 30.4 | 9.6 | 263.2 |
| | Nebraska | 50 | 14 | 1.2 | 18.8 | .9 | 1.8 | 12.1 | 40.0 | 44.6 | 85.4 | (D) | 1.0 | 21.0 |
| | Nevada | 31 | 14 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | New Hampshire | 61 | 38 | 5.8 | 87.3 | 4.2 | 8.0 | 55.4 | 162.0 | 182.9 | 345.7 | 11.1 | FF | (D) |
| | New Jersey | 659 | 332 | 29.1 | 469.4 | 22.7 | 44.1 | 306.8 | 1 039.1 | 1 200.0 | 2 249.3 | 72.8 | 30.8 | 795.0 |
| | New York | 820 | 348 | 29.1 | 437.8 | 22.2 | 42.0 | 276.1 | 998.6 | 975.0 | 1 978.9 | 77.6 | FF | (D) |
| | North Carolina | 250 | 143 | 13.9 | 193.3 | 11.0 | 20.4 | 132.9 | 489.7 | 607.7 | 1 099.7 | 65.3 | FF | (D) |
| | Ohio | 721 | 356 | 38.3 | 673.8 | 29.8 | 56.7 | 454.8 | 1 528.3 | 1 587.1 | 3 147.8 | (D) | 45.3 | 1 224.7 |
| | Oklahoma | 102 | 32 | 3.2 | 50.2 | 2.4 | 4.1 | 30.6 | 130.0 | 140.9 | 269.1 | 19.5 | FF | (D) |
| | Oregon | 111 | 28 | 2.3 | 39.4 | 1.8 | 3.4 | 26.3 | 87.1 | 103.2 | 188.8 | 22.3 | 1.6 | 45.7 |
| | Pennsylvania | 568 | 267 | 26.4 | 447.5 | 20.4 | 39.5 | 294.3 | 986.1 | 1 086.2 | 2 083.0 | 88.5 | FF | (D) |
| | Rhode Island | 104 | 39 | 4.9 | 75.2 | 3.9 | 7.7 | 48.8 | 202.8 | 170.5 | 373.5 | 19.6 | FF | (D) |
| | South Carolina | 97 | 58 | 8.4 | 151.2 | 6.4 | 13.3 | 97.7 | 398.8 | 344.1 | 752.3 | (D) | FF | (D) |
| | Tennessee | 175 | 89 | 9.3 | 132.2 | 7.3 | 13.9 | 92.6 | 405.2 | 391.5 | 798.2 | 30.8 | FF | (D) |
| | Texas | 662 | 261 | 22.1 | 344.4 | 17.3 | 33.3 | 231.4 | 944.5 | 921.6 | 1 864.0 | 80.4 | FF | (D) |
| | Utah | 61 | 12 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | Vermont | 32 | 17 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.5 | 27.7 |
| | Virginia | 81 | 43 | 6.8 | 115.9 | 5.0 | 9.9 | 77.9 | 373.5 | 312.6 | 677.5 | (D) | FF | (D) |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|-------------|---|---------------------------------|---|--------------------------------|---------------------------------|--------------------|---------------------|-------------------------------|---|---|--|---|--|---|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expen- ditures (million dollars) | All em- ployees ² (1,000) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 30 | Rubber and miscellaneous plastics products—Con. | | | | | | | | | | | | | |
| 307 | Miscellaneous plastics products—Con. | | | | | | | | | | | | | |
| | Washington | 155 | 48 | 3.8 | 69.4 | 2.8 | 5.4 | 44.6 | 162.8 | 167.6 | 331.9 | 15.1 | FF | (D) |
| | West Virginia | 21 | 7 | .8 | 10.1 | .6 | 1.1 | 6.8 | 27.6 | 25.0 | 54.0 | .9 | .5 | 11.7 |
| | Wisconsin | 281 | 131 | 11.7 | 187.0 | 8.8 | 16.7 | 120.5 | 397.9 | 437.5 | 832.0 | 38.6 | 11.8 | 303.2 |
| 31 | Leather and leather products | 2 735 | 1 313 | 199.8 | 2 218.5 | 171.3 | 304.1 | 1 623.1 | 4 772.9 | 4 917.1 | 9 719.2 | 132.0 | 242.5 | 3 718.8 |
| | Arizona | 24 | 7 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .6 | 12.9 |
| | Arkansas | 36 | 26 | 6.3 | 60.1 | 5.6 | 9.6 | 48.0 | 115.5 | 101.5 | 217.3 | (D) | 7.3 | 92.3 |
| | California | 298 | 102 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 11.6 | 179.9 |
| | Colorado | 27 | 7 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Connecticut | 24 | 9 | .9 | 10.5 | .7 | 1.3 | 6.8 | 22.3 | 12.4 | 34.4 | (D) | EE | (D) |
| | Florida | 84 | 28 | 4.7 | 39.7 | 4.2 | 7.5 | 32.3 | 73.3 | 62.3 | 135.4 | 2.2 | 3.9 | 46.5 |
| | Georgia | 35 | 18 | 1.9 | 17.2 | 1.7 | 2.9 | 14.0 | 34.5 | 35.1 | 70.0 | .4 | 3.1 | 35.3 |
| | Illinois | 82 | 48 | 4.8 | 53.6 | 4.3 | 7.5 | 42.8 | 104.0 | 121.1 | 226.0 | 3.7 | 7.2 | 98.7 |
| | Indiana | 22 | 16 | 2.0 | 22.1 | 1.8 | 3.5 | 17.3 | 61.2 | 36.2 | 96.7 | 3.2 | 2.6 | 33.5 |
| | Iowa | 18 | 12 | .7 | 6.6 | .6 | .9 | 4.4 | 12.4 | 21.3 | 34.2 | (D) | CC | (D) |
| | Kentucky | 17 | 11 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 4.2 | 68.4 |
| | Maine | 86 | 67 | 18.6 | 220.9 | 15.9 | 30.2 | 163.3 | 475.8 | 502.4 | 975.0 | 11.0 | 19.5 | 283.4 |
| | Maryland | 19 | 12 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.1 | 33.5 |
| | Massachusetts | 260 | 129 | 17.1 | 201.5 | 14.2 | 24.7 | 135.3 | 437.9 | 465.0 | 899.8 | 11.3 | 22.1 | 339.5 |
| | Michigan | 31 | 12 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.9 | 73.1 |
| | Minnesota | 20 | 10 | 1.8 | 32.0 | 1.4 | 2.5 | 19.0 | 69.1 | 105.0 | 175.7 | 3.9 | 2.1 | 54.6 |
| | Mississippi | 8 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.1 | 31.9 |
| | Missouri | 105 | 73 | 17.2 | 168.8 | 15.4 | 24.9 | 138.6 | 409.3 | 345.9 | 754.0 | 7.1 | 21.3 | 308.2 |
| | New Hampshire | 54 | 39 | 7.2 | 82.0 | 6.3 | 11.1 | 60.1 | 132.7 | 140.1 | 275.4 | 7.7 | 11.1 | 152.6 |
| | New Jersey | 94 | 44 | 4.5 | 58.0 | 3.7 | 6.9 | 38.1 | 124.3 | 114.5 | 240.6 | 1.9 | 7.9 | 120.0 |
| | New York | 591 | 246 | 24.3 | 270.6 | 20.6 | 38.2 | 190.9 | 563.0 | 595.9 | 1 158.4 | 14.7 | 29.3 | 429.2 |
| | North Carolina | 46 | 23 | 5.1 | 57.6 | 4.5 | 8.5 | 42.6 | 118.9 | 131.4 | 250.6 | 2.8 | 4.3 | 63.7 |
| | Ohio | 54 | 23 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 4.0 | 56.7 |
| | Oklahoma | 22 | 7 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .8 | 10.8 |
| | Pennsylvania | 145 | 97 | 14.4 | 152.0 | 12.8 | 22.4 | 118.1 | 289.8 | 350.2 | 643.9 | 8.2 | 18.3 | 265.8 |
| | Rhode Island | 19 | 10 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.7 | 42.9 |
| | Tennessee | 88 | 61 | 15.2 | 147.0 | 13.1 | 20.3 | 105.9 | 396.4 | 292.2 | 702.7 | 10.5 | 17.7 | 307.3 |
| | Texas | 152 | 58 | 9.0 | 93.7 | 7.3 | 13.1 | 65.1 | 164.9 | 254.7 | 425.7 | (D) | 6.6 | 95.4 |
| | Virginia | 27 | 15 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 3.6 | 45.0 |
| | West Virginia | 12 | 10 | 2.3 | 21.7 | 2.2 | 3.8 | 19.8 | 48.3 | 61.6 | 111.3 | (D) | 2.8 | 37.3 |
| | Wisconsin | 91 | 59 | 8.4 | 117.9 | 6.5 | 12.1 | 80.8 | 243.2 | 339.2 | 580.1 | 7.5 | 11.4 | 236.1 |
| 311 | Leather tanning and finishing | 384 | 172 | 19.5 | 310.6 | 16.2 | 31.1 | 225.2 | 579.8 | 1 165.1 | 1 753.0 | 33.2 | 23.0 | 535.1 |
| | California | 27 | 10 | 1.3 | 23.0 | 1.2 | 2.2 | 17.3 | 48.3 | 84.2 | 135.0 | 2.3 | 1.7 | 41.6 |
| | Illinois | 10 | 6 | .6 | 11.7 | .5 | 1.1 | 8.7 | 17.9 | 32.1 | 49.9 | .6 | .8 | 20.3 |
| | Maine | 10 | 7 | 1.9 | 26.6 | 1.5 | 3.0 | 18.2 | 37.8 | 143.6 | 182.5 | (D) | 2.0 | 46.3 |
| | Massachusetts | 79 | 30 | 2.5 | 38.2 | 2.0 | 3.9 | 26.6 | 67.0 | 162.3 | 229.4 | (D) | 3.1 | 57.5 |
| | Michigan | 6 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Minnesota | 7 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | New Hampshire | 8 | 7 | .7 | 11.9 | .6 | 1.2 | 9.2 | 20.3 | 29.6 | 50.2 | .6 | 1.1 | 20.4 |
| | New Jersey | 18 | 6 | .9 | 16.4 | .7 | 1.4 | 10.1 | 39.6 | 48.7 | 88.3 | 1.1 | 1.0 | 21.2 |
| | New York | 87 | 30 | 2.7 | 39.2 | 2.3 | 4.1 | 31.0 | 65.2 | 112.3 | 175.2 | 5.2 | 2.7 | 51.9 |
| | Pennsylvania | 15 | 11 | 1.1 | 18.9 | .9 | 1.9 | 13.8 | 24.9 | 74.0 | 103.4 | .9 | 1.4 | 52.2 |
| | Tennessee | 9 | 6 | .7 | 7.9 | .5 | .9 | 5.0 | 19.8 | 37.5 | 58.5 | (D) | 1.0 | 30.4 |
| | Wisconsin | 21 | 19 | 2.6 | 49.6 | 2.1 | 4.1 | 35.0 | 97.2 | 175.1 | 273.7 | 4.6 | 3.1 | 78.4 |
| 313 | Boot and shoe cut stock and findings | 161 | 80 | 6.8 | 80.8 | 5.7 | 10.4 | 54.4 | 154.7 | 212.8 | 367.8 | 6.0 | 8.5 | 109.4 |
| | Maine | 12 | 8 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Massachusetts | 52 | 27 | 2.0 | 26.5 | 1.6 | 3.0 | 15.1 | 53.4 | 68.3 | 122.0 | (D) | 2.3 | 40.9 |
| | Missouri | 22 | 14 | 1.6 | 17.8 | 1.4 | 2.4 | 14.5 | 29.2 | 57.5 | 86.4 | (D) | 2.2 | 23.7 |
| 314 | Footwear, except rubber | 751 | 536 | 121.4 | 1 250.0 | 107.4 | 186.7 | 973.6 | 2 808.9 | 2 444.9 | 5 269.3 | 65.6 | 145.5 | 2 069.5 |
| | Arkansas | 22 | 21 | 5.8 | 54.5 | 5.2 | 8.8 | 43.9 | 103.0 | 92.6 | 196.0 | 2.2 | 7.1 | 88.9 |
| | California | 67 | 33 | 4.3 | 47.9 | 3.8 | 7.3 | 37.4 | 85.0 | 79.3 | 164.4 | 3.0 | 5.1 | 68.9 |
| | Florida | 29 | 10 | 2.4 | 20.0 | 2.1 | 3.9 | 17.2 | 36.5 | 30.1 | 66.5 | .8 | 1.8 | 18.5 |
| | Georgia | 14 | 10 | 1.3 | 11.0 | 1.1 | 1.9 | 9.4 | 23.0 | 23.2 | 47.3 | .2 | 2.1 | 24.4 |
| | Illinois | 14 | 13 | 2.4 | 22.7 | 2.3 | 3.8 | 20.4 | 49.4 | 47.2 | 97.3 | 2.2 | 4.1 | 46.1 |
| | Indiana | 4 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Kentucky | 8 | 7 | 2.6 | 24.9 | 2.4 | 4.3 | 21.9 | 59.3 | 33.3 | 95.5 | (D) | 3.6 | 56.9 |
| | Maine | 60 | 50 | 15.5 | 180.2 | 13.2 | 25.1 | 134.8 | 420.1 | 343.0 | 758.1 | 8.9 | 15.8 | 218.7 |
| | Maryland | 7 | 6 | 1.0 | 9.0 | .9 | 1.6 | 7.8 | 21.0 | 23.9 | 44.6 | .4 | 1.0 | 11.8 |
| | Massachusetts | 62 | 47 | 9.1 | 97.2 | 7.7 | 13.0 | 69.7 | 230.0 | 187.3 | 414.0 | 4.1 | 13.5 | 187.7 |
| | Michigan | 6 | 5 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Minnesota | 4 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Mississippi | 4 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Missouri | 51 | 45 | 13.6 | 126.7 | 12.3 | 18.9 | 106.6 | 333.5 | 248.6 | 582.5 | 3.0 | 15.6 | 227.5 |
| | New Hampshire | 33 | 26 | 6.2 | 66.7 | 5.4 | 9.5 | 48.6 | 106.5 | 104.5 | 213.3 | 7.0 | 9.6 | 127.3 |
| | New Jersey | 15 | 9 | .9 | 12.6 | .8 | 1.5 | 8.2 | 20.7 | 18.2 | 38.7 | .3 | 1.4 | 18.0 |
| | New York | 87 | 49 | 7.4 | 73.6 | 6.5 | 11.8 | 56.1 | 151.4 | 136.0 | 284.5 | 3.1 | 8.3 | 104.0 |
| | North Carolina | 15 | 13 | 4.2 | 45.3 | 3.7 | 7.0 | 33.8 | 95.7 | 94.1 | 189.7 | 2.3 | 3.7 | 51.1 |
| | Ohio | 15 | 11 | 3.0 | 34.6 | 2.7 | 5.6 | 27.0 | 87.4 | 59.7 | 148.0 | 2.0 | 3.2 | 42.8 |
| | Pennsylvania | 73 | 64 | 11.2 | 112.0 | 10.2 | 17.8 | 89.9 | 220.7 | 214.7 | 434.9 | 6.6 | 14.3 | 174.1 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|---|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | |
| 31 | Leather and leather products—Con. | | | | | | | | | | | | |
| 314 | Footwear, except rubber—Con. | | | | | | | | | | | | |
| | Tennessee | 36 | 35 | 10.8 | 96.2 | 9.8 | 14.7 | 77.6 | 278.1 | 185.1 | 478.5 | 6.1 | 13.4 |
| | Texas | 40 | 22 | 6.0 | 62.5 | 4.9 | 8.5 | 45.2 | 102.9 | 172.2 | 280.2 | 4.9 | 3.4 |
| | Virginia | 9 | 9 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | West Virginia | 10 | 9 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Wisconsin | 25 | 22 | 4.0 | 48.5 | 3.1 | 5.7 | 34.4 | 110.7 | 118.3 | 226.6 | 2.3 | 6.1 |
| 315 | Leather gloves and mittens | 96 | 54 | 3.9 | 36.6 | 3.3 | 5.6 | 26.9 | 72.5 | 104.4 | 177.6 | .7 | 5.5 |
| | New York | 24 | 10 | 1.0 | 10.8 | .8 | 1.3 | 6.9 | 15.6 | 44.2 | 61.6 | .2 | 1.4 |
| | Wisconsin | 16 | 10 | .5 | 4.8 | .4 | .8 | 3.3 | 8.5 | 12.5 | 21.1 | .1 | .8 |
| 316 | Luggage | 292 | 131 | 16.0 | 193.8 | 12.5 | 21.0 | 112.5 | 432.8 | 355.5 | 789.0 | 12.0 | 19.2 |
| | California | 43 | 18 | 1.3 | 14.4 | 1.1 | 2.0 | 9.4 | 27.2 | 22.4 | 49.3 | .7 | 1.1 |
| | Colorado | 7 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Florida | 14 | 6 | .6 | 5.8 | .5 | .8 | 4.0 | 12.5 | 11.2 | 23.1 | (D) | .6 |
| | Illinois | 27 | 12 | .7 | 7.3 | .6 | 1.0 | 4.9 | 16.1 | 12.5 | 28.7 | .5 | .5 |
| | New Jersey | 16 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.7 |
| | New York | 64 | 40 | 3.6 | 40.2 | 3.0 | 5.3 | 27.0 | 82.7 | 66.2 | 149.7 | 2.4 | 3.9 |
| | Pennsylvania | 12 | 4 | .7 | 7.1 | .5 | .8 | 4.3 | 12.8 | 25.9 | 38.1 | .3 | .9 |
| | Rhode Island | 5 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Tennessee | 10 | 9 | 2.8 | 32.8 | 1.9 | 3.0 | 16.2 | 72.1 | 42.7 | 112.7 | 3.5 | 1.6 |
| | Virginia | 4 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| 317 | Handbags and other personal leather goods | 636 | 235 | 25.3 | 271.1 | 20.5 | 39.0 | 178.0 | 564.0 | 469.2 | 1 035.1 | 8.7 | 32.1 |
| | California | 94 | 23 | 1.9 | 16.3 | 1.6 | 2.9 | 11.0 | 28.6 | 19.2 | 49.0 | .4 | 2.2 |
| | Connecticut | 12 | 6 | .5 | 6.2 | .4 | .8 | 4.4 | 11.6 | 7.1 | 18.8 | (D) | 1.1 |
| | Florida | 23 | 8 | 1.3 | 10.6 | 1.2 | 2.2 | 8.6 | 17.6 | 14.2 | 31.7 | .3 | 1.4 |
| | Georgia | 7 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | Massachusetts | 33 | 14 | 2.5 | 30.0 | 2.0 | 3.5 | 17.6 | 56.9 | 30.2 | 87.1 | 1.1 | 2.4 |
| | Missouri | 13 | 4 | 1.3 | 14.2 | 1.0 | 2.4 | 9.9 | 23.0 | 20.8 | 42.5 | .8 | 2.3 |
| | New Jersey | 35 | 18 | 1.9 | 22.2 | 1.6 | 3.0 | 15.5 | 53.3 | 36.3 | 90.8 | .4 | 3.6 |
| | New York | 262 | 104 | 8.9 | 96.7 | 7.3 | 14.2 | 63.5 | 230.6 | 219.7 | 452.5 | 3.3 | 11.6 |
| | Pennsylvania | 15 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .9 |
| | Rhode Island | 6 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Texas | 22 | 9 | .8 | 8.1 | .6 | 1.3 | 4.5 | 12.9 | 12.2 | 25.7 | .1 | .8 |
| | Wisconsin | 5 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| 319 | Leather goods, n.e.c. | 415 | 105 | 7.0 | 75.6 | 5.8 | 10.4 | 52.5 | 160.2 | 165.3 | 327.4 | 5.8 | 8.6 |
| | California | 55 | 15 | 1.2 | 13.8 | 1.0 | 1.9 | 9.8 | 27.6 | 23.0 | 51.2 | .9 | 1.2 |
| | Massachusetts | 21 | 7 | .5 | 5.3 | .4 | .8 | 3.8 | 13.9 | 10.2 | 24.6 | (D) | .5 |
| | New York | 56 | 11 | .7 | 8.8 | .5 | 1.1 | 5.3 | 14.9 | 14.8 | 29.6 | .5 | 1.4 |
| | Texas | 52 | 15 | 1.1 | 10.6 | .9 | 1.6 | 7.1 | 22.4 | 25.1 | 48.0 | .3 | 1.5 |
| 32 | Stone, clay, and glass products | 16 545 | 4 753 | 531.5 | 10 096.7 | 408.4 | 796.3 | 7 163.6 | 22 985.7 | 22 149.3 | 45 180.6 | 2 309.0 | 613.7 |
| | Alabama | 292 | 90 | 9.2 | 161.1 | 7.1 | 13.8 | 117.9 | 379.5 | 414.0 | 794.7 | (D) | 9.7 |
| | Alaska | 28 | 6 | .5 | 9.4 | .4 | .7 | 6.0 | 27.3 | 20.0 | 47.1 | 4.0 | .3 |
| | Arizona | 230 | 58 | 5.2 | 93.7 | 4.2 | 7.5 | 68.8 | 271.6 | 254.5 | 519.8 | 29.4 | 4.4 |
| | Arkansas | 203 | 42 | 4.7 | 79.5 | 3.6 | 7.0 | 54.3 | 219.1 | 202.6 | 422.2 | 40.2 | 4.7 |
| | California | 1 739 | 503 | 52.2 | 1 088.5 | 40.5 | 78.2 | 781.0 | 2 500.5 | 2 541.4 | 5 006.0 | 424.8 | 53.0 |
| | Colorado | 279 | 88 | 9.3 | 182.3 | 7.2 | 13.6 | 124.6 | 418.5 | 376.7 | 791.2 | 44.0 | FF |
| | Connecticut | 184 | 57 | 4.9 | 92.4 | 3.7 | 7.6 | 64.4 | 171.0 | 182.4 | 351.0 | 13.0 | 5.7 |
| | Delaware | 37 | 11 | .6 | 10.9 | .5 | 1.0 | 7.7 | 27.4 | 29.1 | 55.9 | 2.0 | .6 |
| | Florida | 778 | 251 | 19.0 | 327.3 | 14.0 | 28.9 | 222.0 | 721.9 | 967.8 | 1 689.7 | 189.4 | 13.9 |
| | Georgia | 506 | 149 | 14.7 | 242.5 | 11.0 | 21.9 | 169.7 | 597.7 | 662.0 | 1 257.7 | 53.6 | 14.9 |
| | Hawaii | 55 | 15 | 1.0 | 21.3 | .7 | 1.3 | 15.0 | 45.2 | 47.8 | 92.5 | 2.6 | EE |
| | Idaho | 84 | 17 | 1.1 | 18.9 | .8 | 1.4 | 13.0 | 42.1 | 39.4 | 80.7 | 2.4 | 1.5 |
| | Illinois | 718 | 208 | 26.9 | 532.8 | 21.1 | 40.3 | 388.1 | 1 045.2 | 1 012.7 | 2 057.4 | 72.8 | FF |
| | Indiana | 455 | 129 | 19.2 | 373.0 | 15.1 | 28.8 | 277.3 | 807.6 | 740.9 | 1 550.9 | 50.8 | FF |
| | Iowa | 337 | 58 | 5.5 | 110.3 | 4.2 | 8.3 | 77.6 | 273.6 | 366.0 | 637.9 | 36.0 | 6.9 |
| | Kansas | 235 | 58 | 6.6 | 142.2 | 5.3 | 10.4 | 108.5 | 369.1 | 337.7 | 706.9 | 42.7 | 7.2 |
| | Kentucky | 262 | 62 | 6.4 | 112.8 | 5.0 | 9.8 | 81.2 | 225.0 | 225.1 | 525.9 | 14.5 | FF |
| | Louisiana | 236 | 86 | 7.5 | 133.8 | 5.9 | 11.6 | 95.8 | 331.3 | 422.5 | 743.4 | 52.7 | 7.8 |
| | Maine | 67 | 13 | 1.0 | 17.9 | .7 | 1.4 | 12.6 | 33.7 | 42.1 | 76.9 | 1.5 | 1.2 |
| | Maryland | 204 | 84 | 7.4 | 144.9 | 5.6 | 10.7 | 104.0 | 316.0 | 354.4 | 669.5 | 26.7 | 9.2 |
| | Massachusetts | 307 | 87 | 11.6 | 233.8 | 7.5 | 14.3 | 128.3 | 470.5 | 382.7 | 866.9 | 44.6 | FF |
| | Michigan | 620 | 125 | 15.3 | 344.3 | 10.8 | 21.1 | 231.4 | 782.2 | 736.3 | 1 528.1 | 67.2 | 20.1 |
| | Minnesota | 391 | 74 | 9.9 | 205.0 | 7.1 | 14.1 | 144.0 | 609.9 | 685.3 | 1 291.7 | 26.4 | 11.7 |
| | Mississippi | 176 | 58 | 5.9 | 94.9 | 4.6 | 9.3 | 68.9 | 239.0 | 256.3 | 497.2 | 15.0 | 7.3 |
| | Missouri | 416 | 104 | 11.2 | 217.0 | 8.6 | 16.1 | 157.3 | 485.2 | 486.5 | 991.7 | 57.5 | 12.7 |
| | Montana | 102 | 16 | 1.2 | 25.5 | .9 | 1.8 | 18.5 | 79.5 | 138.1 | 138.1 | 3.7 | 1.0 |
| | Nebraska | 161 | 27 | 2.6 | 49.3 | 2.1 | 4.2 | 36.4 | 120.2 | 114.8 | 235.1 | 80.4 | 2.7 |
| | Nevada | 74 | 22 | 1.8 | 37.8 | 1.3 | 2.5 | 26.2 | 88.0 | 106.9 | 193.3 | 7.6 | 1.7 |
| | New Hampshire | 73 | 24 | 2.5 | 42.2 | 1.8 | 3.5 | 24.7 | 90.8 | 69.1 | 161.3 | 4.9 | 2.8 |
| | New Jersey | 501 | 194 | 26.5 | 526.7 | 20.7 | 40.6 | 378.7 | 1 078.8 | 980.5 | 2 057.6 | 99.9 | FF |
| | New Mexico | 115 | 40 | 2.5 | 41.1 | 1.8 | 3.4 | 27.6 | 106.2 | 94.1 | 202.5 | 10.9 | 1.9 |
| | New York | 791 | 194 | 27.5 | 544.5 | 20.6 | 39.9 | 372.1 | 1 322.4 | 1 113.0 | 2 434.0 | 104.4 | 31.2 |
| | North Carolina | 444 | 144 | 16.1 | 257.4 | 12.5 | 23.6 | 179.3 | 574.2 | 570.4 | 1 150.6 | 50.0 | 15.8 |
| | North Dakota | 69 | 11 | .7 | 12.5 | .6 | 1.1 | 9.0 | 29.9 | 28.9 | 58.4 | 2.2 | 1.1 |
| | Ohio | 976 | 309 | 44.0 | 889.6 | 33.9 | 66.3 | 643.4 | 1 946.2 | 1 527.7 | 3 505.9 | 147.0 | 59.0 |
| | Oklahoma | 300 | 72 | 10.3 | 206.8 | 8.5 | 16.8 | 159.2 | 507.1 | 437.4 | 936.2 | 56.4 | FF |
| | Oregon | 220 | 35 | 3.3 | 68.0 | 2.4 | 4.7 | 46.8 | 165.2 | 143.7 | 312.1 | 17.3 | 4.1 |
| | Pennsylvania | 918 | 335 | 46.5 | 931.8 | 36.3 | 69.2 | 690.2 | 1 986.8 | 1 721.6 | 3 713.7 | 166.5 | 54.0 |
| | Rhode Island | 44 | 18 | 2.2 | 42.0 | 1.6 | 3.1 | 25.8 | 106.6 | 77.5 | 186.0 | 6.0 | 2.4 |
| | South Carolina | 182 | 70 | 9.8 | 179.1 | 7.4 | 14.3 | 127.1 | 419.6 | 332.4 | 763.0 | 124.4 | 11.2 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|--|---------------------------------|---|--------------------------------|------------------------------|--------------------|---------------------|----------------------------|---|---|--|---|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | |
| 32 | Stone, clay, and glass products— Con. | | | | | | | | | | | | |
| | South Dakota | 83 | 13 | 1.6 | 28.5 | 1.2 | 2.4 | 19.9 | 80.3 | 54.3 | 130.3 | 11.6 | 1.4 |
| | Tennessee | 312 | 99 | 14.1 | 259.6 | 11.3 | 21.8 | 194.9 | 597.2 | 503.6 | 1 104.3 | 65.5 | 14.8 |
| | Texas | 1 089 | 422 | 43.0 | 789.5 | 34.4 | 70.5 | 567.8 | 2 239.0 | 2 451.3 | 4 659.7 | 293.8 | 35.6 |
| | Utah | 109 | 45 | 3.8 | 77.1 | 2.9 | 6.0 | 56.0 | 190.9 | 171.2 | 361.1 | 15.8 | 3.9 |
| | Vermont | 110 | 23 | 1.8 | 31.6 | 1.3 | 2.7 | 20.9 | 59.5 | 59.0 | 119.1 | 5.0 | 2.0 |
| | Virginia | 329 | 129 | 10.4 | 169.1 | 7.7 | 15.1 | 113.9 | 363.2 | 418.3 | 786.8 | 26.5 | FF |
| | Washington | 298 | 77 | 6.2 | 139.3 | 4.7 | 8.9 | 98.1 | 299.3 | 301.6 | 597.7 | 18.4 | 6.4 |
| | West Virginia | 177 | 67 | 11.7 | 215.6 | 9.2 | 17.3 | 159.9 | 427.1 | 356.7 | 788.2 | 37.1 | 17.9 |
| | Wisconsin | 398 | 74 | 7.8 | 146.1 | 5.8 | 11.7 | 101.7 | 398.1 | 345.5 | 744.2 | 22.6 | FF |
| | Wyoming | 60 | 14 | 1.2 | 26.6 | .9 | 2.0 | 18.2 | 51.3 | 58.9 | 109.7 | 8.5 | 1.1 |
| 321 | Flat glass | 69 | 33 | 15.3 | 413.8 | 12.0 | 24.6 | 322.0 | 846.5 | 827.0 | 1 665.5 | 97.6 | 21.9 |
| | California | 9 | 5 | .9 | 23.8 | .6 | 1.3 | 15.5 | 56.9 | 63.4 | 116.3 | (D) | EE |
| | Illinois | 4 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Michigan | 4 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Missouri | 2 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | North Carolina | 3 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Ohio | 4 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF |
| | Oklahoma | 3 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Pennsylvania | 5 | 5 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Tennessee | 4 | 3 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF |
| | Texas | 4 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | West Virginia | 2 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| 322 | Glass and glassware, pressed or blown | 459 | 229 | 96.6 | 2 032.4 | 81.2 | 157.8 | 1 626.7 | 4 482.2 | 3 505.8 | 7 940.8 | 530.7 | 117.0 |
| | Alabama | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | California | 68 | 22 | 10.0 | 224.3 | 8.7 | 17.6 | 186.4 | 528.2 | 466.6 | 977.8 | 79.1 | 10.7 |
| | Connecticut | 7 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Florida | 11 | 4 | 1.8 | 38.8 | 1.6 | 3.1 | 32.4 | 68.5 | 78.7 | 149.3 | (D) | 1.8 |
| | Georgia | 5 | 3 | 1.8 | 41.1 | 1.6 | 3.3 | 35.2 | 101.1 | 86.5 | 183.7 | (D) | 1.7 |
| | Illinois | 18 | 10 | 5.1 | 112.5 | 4.5 | 8.7 | 94.8 | 212.6 | 207.3 | 410.6 | 25.7 | 8.4 |
| | Indiana | 14 | 12 | 6.6 | 136.1 | 5.6 | 10.4 | 110.4 | 276.7 | 232.5 | 507.0 | 18.5 | 7.6 |
| | Kentucky | 8 | 5 | 1.2 | 28.6 | 1.0 | 1.9 | 20.9 | 98.9 | 42.7 | 146.6 | (D) | 1.5 |
| | Louisiana | 4 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.8 |
| | Maryland | 2 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.8 |
| | Minnesota | 4 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Mississippi | 3 | 3 | .6 | 13.5 | .5 | 1.0 | 11.4 | 30.2 | 23.8 | 52.9 | 3.0 | .8 |
| | Missouri | 4 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) |
| | New Jersey | 37 | 17 | 9.2 | 209.5 | 7.7 | 15.4 | 165.0 | 372.6 | 369.5 | 732.8 | 62.9 | 13.1 |
| | New York | 29 | 11 | 3.5 | 80.5 | 3.0 | 6.1 | 64.5 | 203.3 | 163.3 | 368.4 | 14.3 | 4.7 |
| | North Carolina | 11 | 6 | 4.5 | 82.7 | 3.7 | 6.7 | 64.0 | 219.9 | 163.0 | 380.9 | 29.9 | 4.2 |
| | Ohio | 38 | 24 | 10.3 | 219.8 | 8.2 | 16.0 | 168.1 | 489.1 | 290.1 | 782.3 | 41.8 | 13.4 |
| | Oklahoma | 15 | 9 | 3.3 | 66.7 | 2.9 | 5.5 | 55.1 | 151.8 | 97.2 | 247.8 | 10.5 | 3.8 |
| | Oregon | 4 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Pennsylvania | 41 | 28 | 11.8 | 234.1 | 10.0 | 18.3 | 189.1 | 524.3 | 329.3 | 851.9 | 43.4 | 14.9 |
| | Rhode Island | 3 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.3 |
| | South Carolina | 7 | 4 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF |
| | Tennessee | 4 | 4 | 3.4 | 66.8 | 2.9 | 5.7 | 55.3 | 148.7 | 123.8 | 272.8 | 7.7 | EE |
| | Texas | 20 | 9 | 3.4 | 72.3 | 2.7 | 5.5 | 57.0 | 141.9 | 148.5 | 287.7 | 26.2 | 2.8 |
| | Virginia | 10 | 5 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Washington | 8 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | West Virginia | 31 | 27 | 6.3 | 114.0 | 5.0 | 9.4 | 84.9 | 230.6 | 165.9 | 398.7 | 22.6 | 9.8 |
| | Wisconsin | 6 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| 323 | Products of purchased glass | 1 337 | 387 | 41.3 | 696.3 | 31.5 | 60.8 | 466.7 | 1 483.7 | 1 480.2 | 2 976.5 | 119.1 | 36.2 |
| | Alabama | 7 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | California | 244 | 60 | 4.6 | 81.2 | 3.4 | 6.5 | 52.8 | 159.1 | 156.6 | 317.4 | 11.3 | 3.6 |
| | Connecticut | 28 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Florida | 53 | 12 | 1.4 | 22.2 | .9 | 1.8 | 9.8 | 34.7 | 25.9 | 60.8 | (D) | .3 |
| | Georgia | 21 | 7 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .5 |
| | Illinois | 62 | 17 | 1.6 | 24.7 | 1.2 | 2.4 | 17.2 | 57.3 | 54.9 | 110.3 | 1.7 | 1.6 |
| | Indiana | 34 | 11 | 1.5 | 25.8 | 1.2 | 2.1 | 18.2 | 41.5 | 58.7 | 102.1 | 7.4 | 1.0 |
| | Michigan | 45 | 14 | 2.5 | 49.2 | 1.8 | 3.6 | 30.5 | 95.4 | 98.5 | 194.3 | 7.0 | 3.5 |
| | Minnesota | 22 | 6 | .7 | 13.1 | .5 | 1.0 | 8.2 | 31.5 | 32.4 | 63.6 | .9 | .7 |
| | Mississippi | 5 | 3 | .5 | 7.8 | .3 | .7 | 4.6 | 15.5 | 23.8 | 40.3 | (D) | BB |
| | New Jersey | 99 | 39 | 3.5 | 52.4 | 2.7 | 5.4 | 35.5 | 112.9 | 87.3 | 200.4 | 6.9 | 2.9 |
| | New York | 126 | 29 | 4.1 | 67.8 | 3.3 | 6.2 | 47.0 | 202.3 | 137.4 | 338.6 | 20.9 | 3.8 |
| | North Carolina | 27 | 12 | 1.8 | 24.6 | 1.4 | 2.6 | 16.2 | 60.9 | 74.6 | 136.2 | 1.9 | 1.4 |
| | Ohio | 72 | 28 | 2.8 | 51.4 | 2.1 | 4.2 | 36.0 | 123.8 | 117.3 | 243.8 | (D) | 3.3 |
| | Pennsylvania | 75 | 32 | 5.3 | 107.8 | 4.0 | 7.9 | 76.9 | 208.3 | 192.9 | 402.1 | 23.5 | 5.6 |
| | Tennessee | 24 | 12 | 1.0 | 14.8 | .8 | 1.7 | 10.2 | 30.9 | 41.1 | 71.1 | (D) | .3 |
| | Texas | 72 | 20 | 1.4 | 21.4 | 1.1 | 2.0 | 15.4 | 59.2 | 73.0 | 132.8 | 2.9 | .7 |
| | Virginia | 20 | 9 | .8 | 11.6 | .6 | 1.2 | 7.1 | 14.4 | 31.8 | 48.7 | (D) | .8 |
| | Washington | 28 | 9 | .5 | 7.9 | .4 | .7 | 5.3 | 16.8 | 21.3 | 38.2 | 2.9 | .2 |
| | West Virginia | 14 | 6 | 1.0 | 16.1 | .7 | 1.4 | 11.6 | 28.4 | 24.1 | 51.2 | 1.4 | 1.1 |
| 324 | Cement, hydraulic | 237 | 160 | 24.6 | 636.4 | 19.1 | 36.5 | 473.6 | 1 815.7 | 1 752.6 | 3 542.0 | 421.9 | 27.8 |
| | Alabama | 14 | 12 | 2.0 | 47.7 | 1.6 | 3.2 | 36.7 | 119.5 | 148.5 | 270.0 | (D) | 1.2 |
| | Arizona | 8 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | Arkansas | 6 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | California | 38 | 26 | 6.6 | 188.2 | 5.1 | 9.3 | 138.3 | 465.0 | 481.1 | 914.2 | 250.3 | 3.2 |
| | Colorado | 10 | 8 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Florida | 16 | 10 | 1.3 | 32.2 | .9 | 1.9 | 24.1 | 82.0 | 162.4 | 238.0 | (D) | .5 |
| | Georgia | 4 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .4 |
| | Illinois | 10 | 8 | 1.2 | 27.8 | .9 | 1.5 | 20.3 | 62.9 | 76.0 | 141.4 | 4.8 | .5 |
| | Indiana | 10 | 10 | 1.4 | 36.0 | 1.2 | 2.1 | 29.6 | 82.1 | 85.5 | 171.4 | 4.3 | 1.0 |
| | Iowa | 10 | 8 | 1.3 | 35.9 | 1.1 | 2.2 | 27.6 | 87.5 | 84.9 | 173.0 | 18.1 | 1.1 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|--|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | All employees ² (1,000) |
| 32 | Stone, clay, and glass products—Con. | | | | | | | | | | | | |
| 324 | Cement, hydraulic—Con. | | | | | | | | | | | | |
| | Kansas | 12 | 10 | 1.6 | 41.3 | 1.3 | 2.6 | 32.8 | 100.5 | 69.0 | 170.9 | 8.9 | .8 |
| | Maryland | 18 | 10 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .4 |
| | Michigan | 24 | 14 | 2.5 | 68.9 | 1.7 | 3.2 | 49.3 | 182.8 | 136.8 | 325.7 | 12.9 | 1.8 |
| | Missouri | 22 | 12 | 1.8 | 42.8 | 1.4 | 2.4 | 31.5 | 122.0 | 114.7 | 246.3 | 13.7 | 1.3 |
| | Nebraska | 4 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | New York | 24 | 14 | 2.0 | 52.8 | 1.5 | 3.2 | 40.7 | 137.1 | 156.4 | 293.3 | 5.2 | 1.1 |
| | Ohio | 18 | 10 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .9 |
| | Oklahoma | 8 | 6 | .9 | 26.6 | .8 | 1.4 | 18.9 | 105.4 | 71.2 | 173.3 | (D) | .4 |
| | Pennsylvania | 47 | 33 | 4.4 | 111.4 | 3.3 | 6.1 | 84.3 | 222.5 | 298.6 | 528.6 | 15.5 | 2.8 |
| | South Carolina | 6 | 6 | 1.1 | 29.5 | .9 | 1.6 | 22.6 | 69.5 | 93.9 | 168.6 | (D) | .6 |
| | South Dakota | 2 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | AA |
| | Tennessee | 14 | 8 | .8 | 15.9 | .6 | 1.0 | 12.1 | 45.3 | 27.4 | 73.0 | 3.0 | .9 |
| | Texas | 44 | 38 | 6.6 | 161.6 | 5.2 | 10.7 | 115.7 | 689.6 | 643.9 | 1 297.8 | 113.6 | 3.0 |
| | Utah | 6 | 6 | .7 | 18.0 | .5 | 1.2 | 14.5 | 51.7 | 34.3 | 81.1 | 4.2 | (NA) |
| | Virginia | 6 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Washington | 8 | 8 | .9 | 27.2 | .7 | 1.3 | 20.5 | 63.7 | 78.7 | 137.6 | 4.0 | .5 |
| 325 | Structural clay products | 628 | 371 | 29.9 | 490.5 | 23.4 | 45.9 | 347.0 | 989.2 | 838.1 | 1 868.1 | 56.9 | 45.0 |
| | Alabama | 26 | 18 | 1.2 | 19.5 | 1.0 | 2.1 | 14.3 | 55.4 | 40.2 | 93.9 | 1.4 | 1.8 |
| | Arkansas | 9 | 4 | .5 | 6.2 | .4 | .8 | 4.4 | 17.1 | 7.9 | 27.4 | .9 | .7 |
| | California | 62 | 32 | 2.0 | 34.1 | 1.6 | 3.2 | 26.0 | 69.6 | 58.4 | 128.5 | 4.2 | 2.7 |
| | Florida | 16 | 5 | .6 | 10.2 | .5 | 1.0 | 6.6 | 22.7 | 11.7 | 36.4 | 1.0 | .7 |
| | Georgia | 18 | 13 | 1.4 | 20.5 | 1.0 | 1.9 | 13.1 | 38.8 | 45.6 | 82.3 | 7.3 | 2.6 |
| | Illinois | 18 | 12 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.0 |
| | Kentucky | 14 | 9 | .9 | 14.4 | .7 | 1.4 | 11.0 | 31.2 | 22.1 | 53.8 | 1.1 | 1.2 |
| | Mississippi | 14 | 13 | .9 | 10.3 | .7 | 1.4 | 7.3 | 19.8 | 17.4 | 39.3 | 1.8 | 1.3 |
| | Missouri | 14 | 10 | 2.0 | 46.5 | 1.5 | 2.7 | 34.2 | 86.6 | 91.3 | 185.2 | 5.3 | 3.1 |
| | New York | 6 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .7 |
| | North Carolina | 27 | 24 | 1.8 | 24.9 | 1.4 | 2.6 | 15.7 | 37.6 | 36.9 | 80.1 | 3.4 | 2.3 |
| | Ohio | 87 | 56 | 4.3 | 70.9 | 3.3 | 6.5 | 50.0 | 137.1 | 105.7 | 245.8 | 6.0 | 6.7 |
| | Oklahoma | 13 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .4 |
| | Pennsylvania | 59 | 40 | 3.7 | 67.7 | 2.8 | 5.6 | 49.7 | 142.3 | 112.5 | 257.7 | (D) | 5.5 |
| | South Carolina | 13 | 11 | .7 | 9.8 | .6 | 1.1 | 6.6 | 16.1 | 17.0 | 31.7 | (D) | 1.1 |
| | Tennessee | 9 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .9 |
| | Texas | 48 | 36 | 3.4 | 49.3 | 2.7 | 5.6 | 32.3 | 113.7 | 80.0 | 197.3 | 6.7 | 4.5 |
| | Virginia | 12 | 8 | .5 | 6.2 | .4 | .7 | 3.9 | 8.4 | 9.7 | 20.2 | (D) | .7 |
| 326 | Pottery and related products | 910 | 238 | 37.4 | 598.0 | 30.7 | 56.5 | 442.2 | 1 173.5 | 597.1 | 1 761.9 | 79.6 | 43.2 |
| | California | 222 | 55 | 5.2 | 67.6 | 4.3 | 8.0 | 51.0 | 116.3 | 66.1 | 184.7 | 4.3 | 6.1 |
| | Colorado | 12 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Connecticut | 15 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .6 |
| | Georgia | 14 | 4 | .5 | 8.3 | .4 | .8 | 6.4 | 19.5 | 13.8 | 33.4 | .7 | .4 |
| | Illinois | 27 | 11 | 1.9 | 29.7 | 1.6 | 3.0 | 24.5 | 50.8 | 29.1 | 79.7 | 2.0 | 2.4 |
| | Kentucky | 17 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .7 |
| | Maryland | 7 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Michigan | 13 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.6 |
| | New Jersey | 39 | 21 | 3.9 | 60.9 | 3.1 | 5.4 | 43.0 | 137.3 | 47.9 | 184.1 | 4.3 | 3.6 |
| | New York | 45 | 11 | 2.5 | 44.0 | 1.9 | 3.5 | 31.5 | 92.4 | 45.7 | 132.9 | 4.5 | 3.1 |
| | Ohio | 75 | 36 | 5.4 | 86.3 | 4.5 | 8.4 | 64.6 | 185.5 | 82.4 | 271.7 | 7.2 | CC |
| | Pennsylvania | 46 | 22 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 4.9 |
| | South Carolina | 5 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Tennessee | 17 | 6 | .7 | 9.8 | .6 | 1.1 | 6.6 | 18.7 | 14.3 | 32.6 | 1.3 | CC |
| | Texas | 44 | 11 | 1.8 | 23.6 | 1.5 | 2.8 | 18.1 | 58.4 | 33.8 | 92.5 | (D) | 1.6 |
| | West Virginia | 10 | 4 | 1.2 | 18.8 | 1.0 | 1.7 | 14.3 | 29.7 | 16.2 | 46.5 | (D) | 2.6 |
| | Wisconsin | 16 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| 327 | Concrete, gypsum, and plaster products | 9 933 | 2 362 | 167.2 | 2 994.6 | 123.4 | 245.1 | 2 006.5 | 6 603.3 | 8 331.1 | 14 946.7 | 569.2 | 183.7 |
| | Alabama | 191 | 39 | 2.9 | 37.0 | 2.1 | 4.0 | 25.1 | 83.3 | 103.8 | 187.8 | 5.3 | 4.0 |
| | Alaska | 27 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | Arizona | 151 | 43 | 3.4 | 60.4 | 2.6 | 5.0 | 42.1 | 131.8 | 158.9 | 292.6 | 16.3 | FF |
| | Arkansas | 136 | 17 | 1.7 | 25.0 | 1.3 | 2.6 | 17.2 | 51.0 | 84.9 | 135.5 | 5.4 | EE |
| | California | 780 | 221 | 13.9 | 297.0 | 10.1 | 19.1 | 196.5 | 640.3 | 893.4 | 1 534.5 | 46.6 | 15.4 |
| | Colorado | 153 | 56 | 4.5 | 80.0 | 3.4 | 6.7 | 57.5 | 171.4 | 210.6 | 381.9 | (D) | 3.4 |
| | Connecticut | 92 | 26 | 1.5 | 33.5 | 1.0 | 2.2 | 21.5 | 67.2 | 73.6 | 141.0 | 4.8 | 1.6 |
| | Delaware | 25 | 10 | .5 | 8.9 | .4 | .8 | 6.5 | 20.7 | 25.5 | 46.3 | 1.8 | CC |
| | Florida | 552 | 206 | 12.1 | 193.2 | 8.6 | 18.3 | 126.3 | 435.1 | 829.0 | 1 065.2 | 36.7 | FF |
| | Georgia | 290 | 78 | 6.0 | 87.1 | 4.1 | 8.4 | 54.6 | 191.6 | 282.0 | 473.3 | 15.3 | 5.1 |
| | Hawaii | 29 | 12 | .7 | 16.0 | .5 | 1.0 | 11.7 | 30.4 | 34.0 | 64.1 | (D) | CC |
| | Idaho | 62 | 15 | .9 | 13.9 | .6 | 1.0 | 9.5 | 24.0 | 30.8 | 54.7 | (D) | EE |
| | Illinois | 412 | 75 | 5.1 | 103.1 | 3.8 | 7.2 | 70.6 | 230.9 | 267.0 | 498.2 | 10.8 | 7.9 |
| | Indiana | 285 | 46 | 4.0 | 73.5 | 2.9 | 5.6 | 49.0 | 174.6 | 204.3 | 376.2 | 8.3 | 5.2 |
| | Iowa | 284 | 39 | 3.1 | 55.2 | 2.2 | 4.4 | 36.5 | 115.7 | 154.8 | 269.7 | 14.9 | FF |
| | Kansas | 170 | 31 | 2.1 | 37.6 | 1.7 | 3.2 | 26.1 | 74.5 | 98.4 | 173.5 | 23.2 | EE |
| | Kentucky | 182 | 31 | 2.1 | 32.2 | 1.5 | 3.0 | 21.2 | 73.3 | 84.4 | 158.0 | 4.4 | EE |
| | Louisiana | 162 | 59 | 4.0 | 63.9 | 3.0 | 5.9 | 44.7 | 142.2 | 204.0 | 348.2 | 14.0 | 3.9 |
| | Maine | 40 | 8 | .5 | 8.5 | .4 | .8 | 5.6 | 18.0 | 18.3 | 36.5 | 1.4 | .6 |
| | Maryland | 128 | 48 | 3.0 | 53.5 | 2.0 | 4.2 | 33.1 | 126.0 | 181.9 | 308.4 | 7.9 | 3.9 |
| | Massachusetts | 160 | 38 | 2.8 | 56.0 | 2.1 | 4.2 | 37.7 | 120.7 | 136.9 | 257.7 | 6.7 | 2.4 |
| | Michigan | 399 | 46 | 3.9 | 71.7 | 2.6 | 4.8 | 44.1 | 149.1 | 175.7 | 327.5 | 10.0 | 5.5 |
| | Minnesota | 289 | 39 | 3.2 | 62.2 | 2.3 | 4.4 | 38.9 | 130.5 | 140.8 | 276.4 | 7.2 | 4.7 |
| | Mississippi | 121 | 25 | 2.0 | 29.2 | 1.6 | 3.2 | 20.5 | 76.2 | 91.6 | 168.2 | 4.3 | 2.4 |
| | Missouri | 278 | 55 | 4.0 | 67.1 | 3.1 | 5.6 | 46.1 | 129.9 | 161.8 | 292.7 | 12.7 | FF |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | | 1977 | |
|------------|--|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|------------------------------------|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All employees ² (1,000) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 32 | Stone, clay, and glass products—Con. | | | | | | | | | | | | | |
| 327 | Concrete, gypsum, and plaster products—Con. | | | | | | | | | | | | | |
| | Montana | 82 | 11 | .7 | 11.9 | .6 | 1.1 | 8.9 | 28.9 | 33.9 | 62.6 | 1.8 | .7 | 23.0 |
| | Nebraska | 135 | 17 | 1.4 | 23.6 | 1.1 | 2.2 | 16.9 | 53.2 | 67.3 | 120.5 | (D) | 1.8 | 43.2 |
| | Nevada | 54 | 18 | 1.2 | 24.9 | .9 | 1.7 | 17.5 | 59.8 | 71.8 | 131.5 | 6.5 | EE | (D) |
| | New Hampshire | 38 | 9 | .6 | 12.0 | .4 | .9 | 7.6 | 31.4 | 34.3 | 65.8 | 2.1 | .8 | 25.2 |
| | New Jersey | 179 | 58 | 3.3 | 71.1 | 2.4 | 4.8 | 45.6 | 142.3 | 182.8 | 324.8 | 8.5 | 3.8 | 105.1 |
| | New Mexico | 71 | 30 | 1.8 | 27.2 | 1.2 | 2.4 | 17.8 | 64.5 | 69.4 | 134.3 | 5.1 | 1.5 | 37.6 |
| | New York | 380 | 71 | 5.0 | 100.0 | 3.6 | 7.2 | 66.1 | 237.3 | 287.0 | 523.9 | 19.7 | 6.5 | 182.0 |
| | North Carolina | 280 | 70 | 4.2 | 59.4 | 3.0 | 5.8 | 36.5 | 123.7 | 162.0 | 286.0 | 8.0 | 4.5 | 92.5 |
| | North Dakota | 65 | 10 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .8 | 23.9 |
| | Ohio | 473 | 75 | 6.4 | 127.4 | 4.6 | 9.2 | 83.9 | 249.1 | 319.9 | 572.3 | 17.7 | FF | (D) |
| | Oklahoma | 206 | 37 | 3.5 | 59.4 | 2.8 | 6.0 | 43.7 | 142.2 | 174.1 | 315.8 | 20.8 | 2.9 | 89.5 |
| | Oregon | 139 | 20 | 1.8 | 37.4 | 1.3 | 2.5 | 24.7 | 82.2 | 87.5 | 170.3 | 5.7 | 2.6 | 78.6 |
| | Pennsylvania | 439 | 94 | 7.1 | 127.5 | 5.2 | 10.1 | 84.8 | 266.2 | 290.7 | 558.7 | 27.8 | FF | (D) |
| | South Carolina | 121 | 35 | 2.4 | 34.1 | 1.7 | 3.3 | 22.4 | 71.1 | 77.7 | 149.5 | 5.9 | 2.6 | 56.8 |
| | South Dakota | 69 | 7 | .6 | 11.4 | .5 | .9 | 7.7 | 22.7 | 25.0 | 48.3 | 1.4 | .7 | 20.3 |
| | Tennessee | 196 | 46 | 2.9 | 43.9 | 2.1 | 4.2 | 28.1 | 95.6 | 113.5 | 209.4 | 7.3 | 3.8 | 89.6 |
| | Texas | 636 | 241 | 18.5 | 320.9 | 14.9 | 31.3 | 227.0 | 784.1 | 1 075.3 | 1 853.1 | 98.9 | FF | (D) |
| | Utah | 73 | 28 | 2.1 | 42.1 | 1.7 | 3.4 | 30.8 | 106.2 | 95.7 | 201.7 | 9.4 | 2.6 | 75.8 |
| | Virginia | 236 | 84 | 5.1 | 78.9 | 3.7 | 7.5 | 51.3 | 173.9 | 220.5 | 390.0 | 12.0 | 5.6 | 147.2 |
| | Washington | 182 | 46 | 3.1 | 71.3 | 2.2 | 4.2 | 47.9 | 143.4 | 141.9 | 285.9 | 8.0 | FF | (D) |
| | West Virginia | 89 | 16 | 1.1 | 16.1 | .7 | 1.3 | 10.2 | 33.1 | 45.7 | 79.1 | 2.6 | 1.2 | 31.5 |
| | Wisconsin | 289 | 47 | 3.6 | 70.6 | 2.6 | 5.1 | 45.0 | 140.6 | 163.5 | 305.8 | 10.6 | 4.1 | 127.8 |
| | Wyoming | 56 | 12 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| 328 | Cut stone and stone products..... | 711 | 132 | 10.5 | 155.9 | 8.5 | 16.5 | 118.5 | 295.2 | 259.0 | 555.4 | 23.9 | 12.7 | 238.2 |
| | Georgia | 107 | 22 | 1.6 | 20.8 | 1.4 | 2.6 | 16.4 | 40.0 | 32.0 | 71.9 | 4.1 | 1.9 | 32.7 |
| | Indiana | 24 | 9 | .6 | 9.2 | .5 | .9 | 7.6 | 14.5 | 8.0 | 22.8 | .6 | .7 | 12.9 |
| | Minnesota | 20 | 11 | 1.0 | 19.2 | .8 | 1.7 | 14.9 | 33.7 | 41.2 | 75.0 | 1.9 | .9 | 21.5 |
| | New York | 51 | 9 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .7 | 14.0 |
| | North Carolina | 20 | 6 | .5 | 6.3 | .4 | .8 | 5.6 | 9.2 | 8.1 | 16.9 | .6 | BB | (D) |
| | Texas | 58 | 11 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .6 | 10.0 |
| | Vermont | 63 | 16 | 1.3 | 21.8 | .9 | 1.9 | 14.5 | 38.2 | 40.2 | 78.5 | (D) | 1.4 | 29.0 |
| 329 | Miscellaneous nonmetallic mineral products..... | 2 261 | 841 | 108.8 | 2 079.0 | 78.5 | 152.7 | 1 360.3 | 5 296.3 | 4 558.4 | 9 923.8 | 410.1 | 126.2 | 4 394.5 |
| | Alabama | 34 | 14 | 1.2 | 22.1 | .9 | 1.8 | 14.8 | 48.3 | 64.8 | 113.7 | 1.3 | 1.3 | 33.9 |
| | Arkansas | 23 | 10 | .7 | 14.1 | .6 | 1.2 | 9.8 | 63.8 | 42.6 | 108.2 | (D) | .8 | 30.7 |
| | California | 271 | 78 | 8.6 | 166.3 | 6.3 | 12.6 | 109.8 | 450.3 | 345.2 | 807.2 | 26.4 | 9.0 | 348.3 |
| | Colorado | 43 | 11 | .8 | 12.4 | .6 | 1.0 | 8.1 | 31.2 | 18.1 | 49.7 | .8 | .7 | 23.2 |
| | Connecticut | 33 | 17 | 1.2 | 19.5 | .8 | 1.7 | 11.9 | 41.3 | 44.2 | 84.0 | 1.2 | 1.3 | 33.7 |
| | Florida | 80 | 11 | 1.5 | 26.9 | 1.2 | 2.4 | 19.9 | 70.2 | 55.3 | 126.3 | 4.9 | 1.3 | 42.7 |
| | Georgia | 44 | 18 | 2.3 | 41.4 | 1.6 | 3.3 | 27.0 | 164.1 | 123.5 | 287.8 | 11.5 | 2.2 | 118.8 |
| | Illinois | 144 | 70 | 9.6 | 173.9 | 7.2 | 13.7 | 112.1 | 321.4 | 262.5 | 593.5 | 19.2 | 12.2 | 349.8 |
| | Indiana | 57 | 30 | 4.4 | 80.5 | 3.3 | 6.6 | 53.9 | 195.1 | 132.3 | 326.9 | 10.8 | 6.3 | 183.7 |
| | Iowa | 12 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Kansas | 22 | 10 | 2.4 | 55.6 | 1.8 | 3.8 | 43.7 | 177.6 | 152.1 | 325.9 | 9.8 | 3.1 | 163.3 |
| | Kentucky | 24 | 9 | 1.2 | 21.2 | 1.0 | 1.9 | 15.2 | 42.7 | 40.4 | 88.8 | 1.7 | 1.7 | 46.0 |
| | Louisiana | 38 | 16 | 1.2 | 24.9 | 1.0 | 2.1 | 16.7 | 64.2 | 120.0 | 179.2 | 10.1 | 1.0 | 61.7 |
| | Maryland | 21 | 11 | .9 | 18.6 | .7 | 1.3 | 13.9 | 36.2 | 52.3 | 87.5 | 4.9 | 1.5 | 49.1 |
| | Massachusetts | 73 | 37 | 7.5 | 152.8 | 4.3 | 7.7 | 71.3 | 302.8 | 195.1 | 512.6 | 35.0 | 7.6 | 227.6 |
| | Michigan | 105 | 41 | 3.3 | 63.0 | 2.2 | 4.4 | 37.3 | 146.5 | 172.4 | 320.0 | 13.2 | 4.8 | 148.0 |
| | Minnesota | 34 | 10 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 4.4 | 269.1 |
| | Mississippi | 15 | 6 | 1.0 | 19.7 | .8 | 1.6 | 14.0 | 50.3 | 61.9 | 113.1 | 2.3 | 1.6 | 59.9 |
| | Missouri | 49 | 14 | 1.2 | 20.0 | 1.0 | 2.0 | 14.5 | 43.5 | 36.9 | 85.3 | (D) | 1.7 | 50.4 |
| | New Hampshire | 13 | 7 | 1.3 | 18.8 | .8 | 1.6 | 10.2 | 35.6 | 18.3 | 54.2 | 1.4 | 1.7 | 35.7 |
| | New Jersey | 118 | 52 | 5.7 | 116.9 | 4.1 | 8.3 | 78.4 | 289.7 | 255.5 | 553.0 | 15.6 | 7.6 | 271.3 |
| | New York | 129 | 46 | 9.4 | 184.1 | 6.5 | 12.0 | 110.5 | 412.4 | 302.3 | 717.6 | 38.4 | 10.6 | 326.1 |
| | North Carolina | 49 | 19 | 2.1 | 30.1 | 1.5 | 2.8 | 18.4 | 79.5 | 61.2 | 142.2 | 5.1 | 2.1 | 58.0 |
| | Ohio | 176 | 71 | 10.9 | 229.4 | 8.1 | 15.5 | 154.9 | 590.2 | 433.7 | 1 032.6 | 64.3 | 12.5 | 467.1 |
| | Oklahoma | 28 | 6 | .6 | 8.6 | .5 | .9 | 6.7 | 23.9 | 19.2 | 43.0 | 1.0 | .3 | 6.7 |
| | Pennsylvania | 174 | 78 | 7.8 | 157.4 | 5.7 | 11.1 | 109.1 | 376.5 | 318.0 | 697.3 | 28.9 | 9.8 | 329.1 |
| | Rhode Island..... | 8 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .5 | 16.5 |
| | South Carolina | 14 | 7 | 1.0 | 17.1 | .7 | 1.4 | 10.7 | 34.1 | 23.2 | 56.5 | (D) | 1.5 | 29.4 |
| | Tennessee | 30 | 14 | 2.0 | 32.6 | 1.6 | 3.1 | 25.4 | 78.8 | 44.1 | 121.8 | (D) | 1.8 | 49.8 |
| | Texas | 163 | 54 | 5.8 | 97.8 | 4.7 | 9.3 | 71.1 | 301.9 | 288.6 | 595.8 | 14.9 | 5.8 | 223.4 |
| | Utah | 15 | 6 | .6 | 10.3 | .4 | .8 | 6.0 | 24.4 | 18.7 | 45.4 | 1.9 | .6 | 15.5 |
| | Virginia | 26 | 16 | 2.0 | 32.3 | 1.4 | 2.5 | 20.0 | 53.5 | 65.3 | 120.6 | 5.4 | 2.0 | 55.2 |
| | Washington | 35 | 7 | .7 | 14.1 | .5 | 1.1 | 9.2 | 31.6 | 28.1 | 60.8 | 2.1 | .8 | 24.4 |
| | West Virginia | 17 | 7 | .8 | 18.0 | .6 | 1.2 | 14.2 | 37.5 | 34.3 | 73.0 | 4.2 | 1.3 | 52.2 |
| | Wisconsin | 43 | 14 | 2.3 | 38.2 | 1.6 | 3.3 | 25.7 | 164.2 | 111.6 | 276.5 | 8.2 | 2.4 | 103.3 |
| 33 | Primary metal industries | 7 061 | 3 904 | 854.1 | 20 602.7 | 637.7 | 1 166.8 | 14 465.8 | 33 291.4 | 68 791.4 | 104 666.8 | 4 666.1 | 1 113.6 | 37 568.2 |
| | Alabama | 155 | 107 | 26.6 | 596.7 | 20.3 | 36.4 | 437.1 | 866.1 | 2 357.0 | 3 356.0 | 86.7 | 39.5 | 1 042.6 |
| | Arizona | 61 | 33 | 8.0 | 194.2 | 5.9 | 11.3 | 140.1 | 448.6 | 1 268.1 | 1 729.0 | 89.9 | 8.2 | 310.4 |
| | Arkansas | 55 | 36 | 6.2 | 118.9 | 4.8 | 9.1 | 84.4 | 226.6 | 621.5 | 850.7 | 65.2 | 6.8 | 196.3 |
| | California | 765 | 374 | 42.2 | 949.3 | 32.5 | 62.3 | 658.4 | 1 717.6 | 2 807.1 | 4 609.2 | 161.2 | 49.0 | 1 349.2 |
| | Colorado | 61 | 22 | 5.4 | 151.0 | 3.9 | 7.4 | 113.2 | 198.5 | 294.4 | 501.6 | (D) | 7.5 | 267.9 |
| | Connecticut | 211 | 117 | 17.8 | 356.0 | 12.8 | 24.3 | 223.0 | 619.9 | 1 024.2 | 1 667.7 | 67.9 | 20.0 | 615.3 |
| | Delaware | 12 | 9 | 2.1 | 49.8 | 1.4 | 2.7 | 32.0 | 60.2 | 116.1 | 180.3 | 7.0 | EE | (D) |
| | Florida | 128 | 46 | 4.3 | 72.4 | 3.3 | 6.5 | 49.9 | 195.7 | 413.8 | 612.9 | 18.5 | 4.8 | 130.1 |
| | Georgia | 77 | 43 | 12.2 | 230.2 | 9.4 | 16.8 | 154.2 | 355.7 | 1 033.7 | 1 398.9 | 71.1 | 12.6 | 329.2 |
| | Illinois | 512 | 294 | 59.4 | 1 405.9 | 44.2 | 78.0 | 957.9 | 2 148.7 | 4 520.3 | 6 872.8 | 276.8 | 89.1 | 3 125.5 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | | 1977 | |
|----------|--|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|------------------------------------|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All employees ² (1,000) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 33 | Primary metal industries—Con. | | | | | | | | | | | | | |
| | Indiana | 276 | 185 | 86.0 | 2 294.0 | 63.6 | 111.5 | 1 643.9 | 3 570.2 | 7 934.0 | 11 768.3 | 558.6 | 102.3 | 3 301.9 |
| | Iowa | 71 | 35 | 7.7 | 194.9 | 5.9 | 11.0 | 137.8 | 203.7 | 824.2 | 1 078.2 | 55.6 | 8.4 | 214.3 |
| | Kansas | 63 | 28 | 3.2 | 53.3 | 2.5 | 4.6 | 36.9 | 114.7 | 148.3 | 267.9 | 8.8 | 3.2 | 78.4 |
| | Kentucky | 63 | 45 | 15.1 | 377.4 | 11.4 | 19.9 | 265.1 | 491.1 | 1 671.7 | 2 183.1 | 118.3 | 17.3 | 670.8 |
| | Louisiana | 52 | 26 | 5.5 | 136.6 | 4.0 | 7.5 | 93.2 | 241.0 | 605.4 | 859.5 | 23.7 | 6.7 | 319.1 |
| | Maryland | 47 | 27 | 19.9 | 567.9 | 14.6 | 25.0 | 401.1 | 906.2 | 1 445.7 | 2 350.5 | 80.4 | 25.5 | 833.9 |
| | Massachusetts | 233 | 126 | 13.7 | 256.2 | 10.5 | 20.4 | 169.4 | 535.5 | 1 393.4 | 1 942.9 | 48.4 | 14.0 | 363.0 |
| | Michigan | 548 | 284 | 50.0 | 1 280.4 | 38.4 | 73.0 | 923.8 | 2 042.7 | 3 444.0 | 5 546.4 | 195.7 | 83.0 | 2 924.2 |
| | Minnesota | 109 | 64 | 6.2 | 131.6 | 4.9 | 9.1 | 92.3 | 226.2 | 228.4 | 457.2 | 25.2 | 7.4 | 199.0 |
| | Mississippi | 42 | 32 | 3.6 | 54.3 | 2.8 | 5.5 | 38.4 | 152.7 | 292.7 | 452.0 | 15.9 | 2.9 | 75.6 |
| | Missouri | 142 | 79 | 13.8 | 309.8 | 10.3 | 18.9 | 209.2 | 495.8 | 909.4 | 1 454.0 | 65.4 | 17.6 | 629.1 |
| | Montana | 12 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Nebraska | 26 | 11 | 2.6 | 64.4 | 2.1 | 3.8 | 50.4 | 180.7 | 436.3 | 615.8 | 4.1 | 2.7 | 105.3 |
| | Nevada | 14 | 8 | 1.4 | 34.4 | 1.0 | 1.9 | 24.2 | 45.8 | 136.4 | 178.0 | (D) | 1.1 | 41.3 |
| | New Hampshire | 41 | 24 | 3.7 | 63.9 | 2.7 | 5.8 | 41.6 | 127.6 | 91.0 | 219.5 | 12.5 | 2.7 | 67.8 |
| | New Jersey | 279 | 157 | 20.9 | 421.4 | 15.3 | 30.0 | 274.8 | 845.1 | 1 584.1 | 2 463.2 | 77.7 | 21.7 | 708.7 |
| | New Mexico | 21 | 8 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | New York | 404 | 211 | 37.9 | 877.7 | 27.4 | 50.7 | 589.8 | 1 526.6 | 3 176.6 | 4 935.8 | 202.7 | 53.5 | 1 644.7 |
| | North Carolina | 95 | 60 | 7.9 | 138.2 | 5.9 | 11.4 | 92.5 | 372.4 | 620.2 | 997.2 | 53.3 | 5.9 | 277.8 |
| | Ohio | 635 | 376 | 98.6 | 2 546.9 | 76.1 | 136.0 | 1 876.8 | 4 326.5 | 7 474.7 | 12 089.2 | 630.8 | 142.6 | 5 505.7 |
| | Oklahoma | 93 | 49 | 5.1 | 102.8 | 3.8 | 7.4 | 70.3 | 180.1 | 263.6 | 458.7 | 17.0 | 5.3 | 124.1 |
| | Oregon | 83 | 34 | 8.6 | 215.9 | 5.9 | 11.0 | 144.3 | 424.8 | 421.3 | 873.3 | 61.1 | 9.0 | 351.8 |
| | Pennsylvania | 558 | 337 | 118.6 | 3 135.6 | 84.9 | 151.7 | 2 177.4 | 4 209.1 | 8 583.5 | 13 578.5 | 654.6 | 181.2 | 5 750.8 |
| | Rhode Island | 92 | 40 | 6.8 | 108.9 | 5.2 | 10.0 | 73.1 | 260.7 | 640.9 | 922.9 | 13.0 | 8.1 | 249.8 |
| | South Carolina | 50 | 30 | 6.6 | 137.0 | 5.2 | 9.7 | 99.8 | 257.6 | 789.0 | 1 009.9 | 27.6 | 4.6 | 114.5 |
| | Tennessee | 116 | 76 | 14.4 | 325.3 | 11.7 | 22.3 | 247.9 | 430.4 | 1 444.1 | 1 935.7 | 96.2 | 17.4 | 525.3 |
| | Texas | 341 | 176 | 39.2 | 874.4 | 29.1 | 55.0 | 603.1 | 1 848.8 | 3 832.2 | 5 602.6 | 295.0 | 38.6 | 1 715.4 |
| | Utah | 40 | 19 | 7.9 | 202.9 | 5.6 | 10.2 | 137.4 | 57.3 | 1 030.4 | 1 145.0 | 81.1 | FF | (D) |
| | Vermont | 12 | 9 | .9 | 15.3 | .7 | 1.3 | 10.4 | 37.2 | 57.0 | 95.9 | (D) | .9 | 26.0 |
| | Virginia | 67 | 46 | 8.1 | 150.2 | 6.3 | 11.2 | 105.8 | 281.8 | 473.8 | 756.8 | (D) | 10.5 | 311.9 |
| | Washington | 95 | 51 | 13.8 | 398.3 | 10.5 | 20.0 | 288.6 | 672.6 | 1 809.6 | 2 519.1 | 92.9 | 15.3 | 992.9 |
| | West Virginia | 41 | 24 | 17.2 | 499.1 | 11.8 | 21.6 | 337.5 | 580.9 | 1 353.9 | 2 042.9 | 41.8 | 23.4 | 784.5 |
| | Wisconsin | 227 | 139 | 21.8 | 429.1 | 16.6 | 29.7 | 300.3 | 718.2 | 700.3 | 1 459.7 | 63.5 | 27.4 | 783.1 |
| 331 | Blast furnace and basic steel products | 1 068 | 708 | 365.7 | 10 262.0 | 266.7 | 471.2 | 7 271.6 | 14 721.5 | 30 299.4 | 46 720.2 | 2 425.1 | 529.7 | 18 318.4 |
| | Alabama | 27 | 21 | 8.3 | 205.2 | 5.8 | 9.4 | 146.3 | 297.2 | 541.7 | 927.9 | 25.4 | FF | (D) |
| | Arkansas | 9 | 5 | .6 | 10.1 | .4 | .9 | 7.1 | 25.4 | 40.1 | 62.7 | (D) | .6 | 15.9 |
| | California | 93 | 48 | 11.8 | 376.7 | 8.8 | 16.5 | 272.7 | 641.0 | 1 145.6 | 1 833.2 | 25.3 | 17.8 | 512.6 |
| | Colorado | 6 | 6 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Connecticut | 27 | 17 | 3.3 | 82.4 | 2.4 | 4.7 | 54.5 | 133.2 | 344.9 | 488.6 | 14.3 | 4.6 | 190.7 |
| | Delaware | 5 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Florida | 23 | 17 | 1.4 | 27.1 | 1.1 | 2.2 | 18.7 | 109.7 | 177.4 | 290.3 | 10.8 | 1.7 | 52.8 |
| | Georgia | 15 | 7 | 2.5 | 51.6 | 2.0 | 3.4 | 37.5 | 89.7 | 158.8 | 247.2 | (D) | 2.7 | 63.2 |
| | Illinois | 88 | 56 | 26.2 | 697.8 | 19.3 | 33.1 | 477.4 | 933.4 | 2 312.6 | 3 388.7 | 123.9 | 45.1 | 1 729.1 |
| | Indiana | 41 | 31 | 56.4 | 1 630.7 | 41.7 | 70.9 | 1 171.6 | 2 242.4 | 5 013.1 | 7 452.4 | 419.2 | 67.9 | 2 115.5 |
| | Iowa | 6 | 5 | .9 | 20.6 | .6 | 1.3 | 14.9 | 48.2 | 103.3 | 154.7 | 10.3 | CC | (D) |
| | Kentucky | 16 | 11 | 6.4 | 177.0 | 4.9 | 8.3 | 125.9 | 201.3 | 439.1 | 681.9 | 91.3 | 8.2 | 281.8 |
| | Louisiana | 12 | 7 | 1.3 | 32.5 | 1.0 | 1.8 | 23.9 | 58.3 | 141.6 | 202.4 | 6.6 | .5 | 30.8 |
| | Maryland | 11 | 9 | 15.6 | 453.3 | 11.2 | 19.1 | 316.9 | 637.9 | 827.0 | 1 469.7 | (D) | 20.8 | 635.9 |
| | Massachusetts | 32 | 17 | 1.7 | 35.0 | 1.2 | 2.3 | 22.7 | 68.6 | 108.2 | 177.2 | 2.8 | 2.5 | 76.7 |
| | Michigan | 76 | 43 | 19.0 | 600.1 | 14.3 | 27.5 | 441.8 | 811.5 | 1 976.7 | 2 824.2 | 76.7 | 26.6 | 1 138.8 |
| | Minnesota | 11 | 6 | 1.3 | 32.9 | 1.0 | 1.9 | 23.0 | 69.7 | 75.9 | 146.9 | (D) | 1.9 | 63.8 |
| | Mississippi | 12 | 9 | .9 | 13.8 | .6 | 1.3 | 8.7 | 31.9 | 83.3 | 118.6 | 2.7 | .6 | 13.0 |
| | Missouri | 17 | 14 | 4.9 | 132.3 | 3.6 | 6.2 | 85.6 | 228.3 | 315.6 | 579.0 | 19.8 | 6.2 | 210.0 |
| | Nebraska | 2 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | New Jersey | 42 | 26 | 3.5 | 78.8 | 2.5 | 4.6 | 52.8 | 163.6 | 355.4 | 529.8 | (D) | 3.1 | 95.7 |
| | New York | 51 | 29 | 11.5 | 324.6 | 7.7 | 13.6 | 217.3 | 362.2 | 750.5 | 1 214.4 | 45.0 | 21.7 | 540.0 |
| | North Carolina | 9 | 5 | .5 | 8.3 | .3 | .7 | 5.1 | 22.7 | 35.5 | 58.4 | .8 | BB | (D) |
| | Ohio | 105 | 79 | 53.1 | 1 490.5 | 40.5 | 69.4 | 1 099.6 | 2 414.5 | 4 977.8 | 7 636.0 | 439.8 | 84.3 | 3 664.0 |
| | Oklahoma | 14 | 10 | 1.2 | 30.9 | .9 | 1.8 | 20.6 | 68.3 | 83.6 | 155.9 | (D) | 1.1 | 27.0 |
| | Oregon | 11 | 7 | 1.2 | 32.1 | .8 | 1.7 | 22.7 | 75.3 | 87.7 | 176.9 | (D) | 1.5 | 48.3 |
| | Pennsylvania | 128 | 105 | 85.3 | 2 451.3 | 59.9 | 104.9 | 1 707.5 | 3 055.0 | 6 708.7 | 10 440.8 | 543.2 | 135.0 | 4 491.0 |
| | South Carolina | 15 | 8 | 2.1 | 53.7 | 1.7 | 3.5 | 42.7 | 82.2 | 252.0 | 332.8 | (D) | 2.4 | 71.7 |
| | Tennessee | 23 | 17 | 2.1 | 43.5 | 1.6 | 3.1 | 31.5 | 80.8 | 216.0 | 301.3 | 22.3 | 2.4 | 67.5 |
| | Texas | 59 | 38 | 15.8 | 402.4 | 11.2 | 21.1 | 270.4 | 942.5 | 1 220.2 | 2 108.0 | 162.1 | 16.0 | 584.8 |
| | Utah | 4 | 3 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Virginia | 10 | 8 | 1.2 | 24.7 | 1.0 | 1.9 | 20.4 | 40.5 | 94.5 | 129.8 | (D) | EE | (D) |
| | Washington | 12 | 7 | 1.8 | 45.6 | 1.3 | 2.4 | 32.9 | 99.4 | 69.9 | 170.8 | 8.0 | 1.9 | 73.9 |
| | West Virginia | 11 | 9 | 11.2 | 338.4 | 7.8 | 14.5 | 236.0 | 386.3 | 818.6 | 1 234.2 | (D) | FF | (D) |
| | Wisconsin | 20 | 13 | 2.3 | 51.7 | 1.8 | 3.1 | 37.6 | 92.3 | 157.7 | 268.9 | 4.6 | 2.7 | 88.1 |
| 332 | Iron and steel foundries | 1 438 | 1 002 | 157.4 | 3 113.1 | 123.9 | 222.0 | 2 248.3 | 5 361.5 | 4 142.9 | 9 641.5 | 482.5 | 222.3 | 6 236.6 |
| | Alabama | 56 | 49 | 9.0 | 152.2 | 7.3 | 13.5 | 111.0 | 291.9 | 343.9 | 627.5 | 34.7 | 10.9 | 288.7 |
| | Arizona | 6 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Arkansas | 8 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .7 | 13.0 |
| | California | 103 | 70 | 8.2 | 139.9 | 6.7 | 12.5 | 95.9 | 283.0 | 184.1 | 468.3 | 21.3 | 7.7 | 196.4 |
| | Colorado | 9 | 5 | .5 | 9.1 | .4 | .6 | 6.6 | 7.4 | 10.6 | 19.2 | .6 | .8 | 15.0 |
| | Connecticut | 20 | 17 | 1.9 | 35.2 | 1.5 | 2.9 | 25.4 | 63.8 | 33.0 | 98.1 | 2.1 | 2.3 | 58.3 |
| | Florida | 16 | 6 | .9 | 14.0 | .6 | 1.1 | 8.6 | 27.8 | 15.7 | 45.2 | .7 | .9 | 17.0 |
| | Georgia | 20 | 12 | 2.0 | 24.3 | 1.6 | 2.4 | 15.4 | 49.5 | 22.4 | 72.8 | 2.4 | 1.5 | 30.7 |
| | Illinois | 83 | 59 | 10.8 | 242.4 | 8.3 | 13.8 | 169.7 | 375.1 | 296.0 | 683.6 | 55.2 | FF | (D) |
| | Indiana | 67 | 52 | 9.2 | 175.8 | 7.2 | 12.3 | 128.2 | 291.0 | 191.9 | 493.2 | | | |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|--------------------------------------|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | All employees ² (1,000) |
| 33 | Primary metal industries—Con. | | | | | | | | | | | | |
| 332 | Iron and steel foundries—Con. | | | | | | | | | | | | |
| | Michigan | 107 | 70 | 14.0 | 344.4 | 10.7 | 20.0 | 245.3 | 651.2 | 568.7 | 1 235.4 | 62.6 | 34.5 |
| | Minnesota | 29 | 23 | 1.8 | 35.7 | 1.4 | 2.3 | 23.8 | 53.1 | 43.3 | 97.7 | 2.2 | 2.2 |
| | Mississippi | 8 | 6 | .6 | 8.6 | .5 | .8 | 6.5 | 14.9 | 11.5 | 26.3 | (D) | .6 |
| | Missouri | 42 | 24 | 2.7 | 45.9 | 2.1 | 3.9 | 33.8 | 88.7 | 42.2 | 136.3 | 10.7 | 4.0 |
| | New Hampshire | 14 | 10 | 1.8 | 27.0 | 1.2 | 2.6 | 16.2 | 52.7 | 20.3 | 73.1 | 2.4 | 1.4 |
| | New Jersey | 28 | 18 | 3.4 | 64.5 | 2.6 | 5.1 | 44.4 | 138.9 | 120.1 | 261.1 | 5.5 | 3.4 |
| | New York | 55 | 31 | 4.0 | 73.8 | 3.1 | 5.5 | 52.0 | 105.1 | 75.1 | 188.6 | 15.1 | 6.6 |
| | North Carolina | 19 | 14 | 1.2 | 17.1 | 1.1 | 2.0 | 13.6 | 25.1 | 25.7 | 50.5 | 3.7 | 1.2 |
| | Ohio | 142 | 107 | 21.9 | 520.6 | 17.7 | 32.6 | 405.6 | 867.3 | 631.5 | 1 517.7 | 79.7 | 31.5 |
| | Oklahoma | 30 | 19 | 2.0 | 34.5 | 1.5 | 2.8 | 25.0 | 55.6 | 49.2 | 105.2 | 5.5 | 2.4 |
| | Oregon | 22 | 14 | 3.4 | 71.2 | 2.3 | 3.9 | 47.2 | 134.7 | 69.7 | 211.7 | 4.4 | FF |
| | Pennsylvania | 141 | 99 | 13.7 | 277.1 | 10.7 | 18.8 | 199.3 | 426.4 | 352.3 | 814.1 | 28.3 | 21.6 |
| | Tennessee | 31 | 23 | 4.2 | 70.1 | 3.6 | 6.7 | 52.7 | 122.1 | 123.8 | 245.1 | 7.7 | 6.0 |
| | Texas | 75 | 50 | 8.7 | 146.8 | 7.1 | 12.9 | 108.5 | 256.3 | 155.0 | 408.7 | 32.5 | 8.6 |
| | Utah | 9 | 6 | 1.1 | 15.8 | .9 | 1.6 | 10.8 | 23.5 | 22.4 | 49.6 | (D) | .9 |
| | Virginia | 22 | 16 | 4.0 | 70.9 | 3.2 | 5.3 | 50.2 | 123.5 | 113.8 | 239.9 | (D) | 6.9 |
| | Washington | 23 | 18 | 1.7 | 38.4 | 1.4 | 2.6 | 29.0 | 84.1 | 44.2 | 130.8 | 4.1 | 1.9 |
| | West Virginia | 13 | 8 | 1.1 | 22.8 | .9 | 1.6 | 17.2 | 41.0 | 23.9 | 59.5 | (D) | .9 |
| | Wisconsin | 92 | 76 | 12.8 | 246.2 | 9.7 | 16.8 | 172.2 | 396.3 | 305.7 | 717.2 | 39.2 | 16.3 |
| 333 | Primary nonferrous metals | 161 | 94 | 43.9 | 1 306.6 | 31.9 | 62.2 | 928.3 | 2 310.9 | 9 057.4 | 11 320.8 | 412.5 | 57.3 |
| | Alabama | 3 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Arizona | 12 | 10 | 2.7 | 79.6 | 1.9 | 4.1 | 59.0 | 157.5 | 833.6 | 1 002.3 | (D) | 3.7 |
| | Arkansas | 2 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Illinois | 7 | 4 | .5 | 12.6 | .4 | .8 | 7.6 | 27.1 | 85.1 | 111.2 | (D) | CC |
| | Indiana | 2 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Kentucky | 4 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Louisiana | 2 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 3.7 |
| | Maryland | 2 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Missouri | 4 | 4 | 2.4 | 67.8 | 1.7 | 3.3 | 45.8 | 62.7 | 337.6 | 405.9 | 21.6 | 3.4 |
| | Montana | 2 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF |
| | New Jersey | 11 | 5 | 1.7 | 46.6 | 1.2 | 2.5 | 33.0 | 86.6 | 70.2 | 153.4 | (D) | EE |
| | New Mexico | 3 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | New York | 17 | 6 | 2.6 | 76.9 | 1.9 | 3.6 | 55.4 | 261.8 | 395.7 | 605.9 | 18.2 | 2.5 |
| | North Carolina | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Ohio | 5 | 4 | 2.6 | 79.2 | 2.0 | 3.6 | 58.1 | 127.9 | 254.3 | 387.7 | 11.2 | EE |
| | Oregon | 4 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF |
| | Pennsylvania | 9 | 5 | .7 | 22.4 | .5 | 1.1 | 13.8 | 45.2 | 91.4 | 133.9 | 5.7 | 3.0 |
| | South Carolina | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) |
| | Tennessee | 4 | 4 | 1.7 | 48.8 | 1.3 | 2.5 | 36.4 | 98.8 | 288.5 | 394.6 | (D) | EE |
| | Texas | 11 | 9 | 5.5 | 168.3 | 3.9 | 7.6 | 119.7 | 383.5 | 1 713.1 | 2 102.9 | 58.1 | 7.1 |
| | Utah | 7 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Washington | 10 | 10 | 6.4 | 202.2 | 4.8 | 9.5 | 147.0 | 303.4 | 1 092.1 | 1 389.7 | 40.6 | 6.8 |
| 334 | Secondary nonferrous metals | 458 | 212 | 19.2 | 402.2 | 13.5 | 26.3 | 246.4 | 619.8 | 4 134.7 | 4 851.9 | 146.4 | 18.9 |
| | Alabama | 14 | 9 | 1.1 | 23.0 | .8 | 1.5 | 15.7 | 44.1 | 274.6 | 317.4 | 5.4 | .8 |
| | California | 58 | 28 | 2.4 | 50.1 | 1.6 | 3.1 | 27.9 | 85.9 | 468.3 | 575.4 | 15.8 | 1.9 |
| | Georgia | 8 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .6 |
| | Illinois | 39 | 24 | 2.0 | 45.6 | 1.3 | 2.6 | 24.4 | 87.1 | 455.0 | 550.2 | 23.1 | 2.4 |
| | Indiana | 22 | 13 | 1.3 | 31.4 | .9 | 1.8 | 22.2 | 47.5 | 194.5 | 252.6 | 13.1 | EE |
| | Michigan | 21 | 10 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .8 |
| | New Jersey | 22 | 11 | 1.0 | 19.8 | .6 | 1.0 | 10.1 | 55.7 | 203.4 | 259.8 | (D) | CC |
| | New York | 29 | 11 | 1.2 | 27.7 | .8 | 1.5 | 14.8 | 6.4 | 297.8 | 352.0 | 4.0 | 1.7 |
| | Ohio | 32 | 19 | 1.4 | 31.3 | 1.1 | 2.3 | 20.4 | 56.6 | 249.8 | 315.5 | 4.0 | EE |
| | Pennsylvania | 37 | 15 | 1.4 | 28.0 | 1.0 | 2.0 | 17.5 | 44.1 | 254.2 | 299.7 | 5.9 | 1.6 |
| | South Carolina | 2 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | Texas | 27 | 9 | 1.1 | 23.3 | .7 | 1.4 | 15.1 | 17.9 | 203.9 | 189.6 | 3.3 | 1.1 |
| 335 | Nonferrous rolling and drawing | 1 022 | 735 | 166.7 | 3 636.2 | 121.8 | 233.4 | 2 450.4 | 6 821.7 | 18 035.8 | 25 462.9 | 933.2 | 177.4 |
| | Alabama | 14 | 11 | 5.5 | 150.2 | 4.4 | 8.2 | 116.0 | 251.4 | 862.3 | 1 151.9 | 14.6 | 6.1 |
| | Arizona | 14 | 11 | 3.7 | 88.0 | 2.8 | 5.0 | 64.1 | 246.1 | 379.5 | 630.2 | 14.4 | 2.9 |
| | Arkansas | 14 | 13 | 2.8 | 49.6 | 2.1 | 4.1 | 35.9 | 98.5 | 367.3 | 470.1 | 3.9 | 2.9 |
| | California | 112 | 62 | 8.6 | 182.9 | 6.3 | 12.4 | 120.6 | 306.5 | 647.6 | 976.1 | 72.8 | 9.7 |
| | Connecticut | 68 | 52 | 10.2 | 196.9 | 7.0 | 13.1 | 115.9 | 346.7 | 572.6 | 930.4 | 45.8 | 10.3 |
| | Florida | 24 | 9 | 1.1 | 15.9 | .8 | 1.7 | 11.2 | 36.6 | 93.3 | 126.9 | 3.5 | .9 |
| | Georgia | 20 | 17 | 6.6 | 137.7 | 5.0 | 9.4 | 88.4 | 252.5 | 587.5 | 850.9 | 56.3 | 7.3 |
| | Illinois | 59 | 42 | 11.0 | 249.6 | 7.9 | 14.5 | 167.6 | 455.9 | 1 093.4 | 1 585.5 | 53.8 | 13.5 |
| | Indiana | 48 | 42 | 13.8 | 321.7 | 9.6 | 18.4 | 221.6 | 683.9 | 2 089.9 | 2 807.5 | 74.0 | 14.2 |
| | Iowa | 4 | 3 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF |
| | Kansas | 5 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .4 |
| | Kentucky | 21 | 19 | 4.1 | 88.3 | 3.1 | 6.0 | 63.5 | 124.7 | 750.9 | 826.3 | 15.6 | 5.1 |
| | Louisiana | 4 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | Maryland | 4 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Massachusetts | 60 | 49 | 8.0 | 152.1 | 6.1 | 12.1 | 99.5 | 324.0 | 1 005.7 | 1 340.0 | 33.4 | 6.9 |
| | Michigan | 50 | 36 | 5.2 | 100.5 | 3.9 | 7.4 | 68.7 | 170.4 | 416.0 | 608.4 | 16.9 | FF |
| | Mississippi | 11 | 11 | 1.8 | 26.3 | 1.4 | 2.8 | 19.0 | 94.7 | 182.2 | 280.1 | 11.2 | 1.6 |
| | Missouri | 12 | 10 | 1.0 | 17.3 | .7 | 1.5 | 11.7 | 29.9 | 126.5 | 156.6 | 6.6 | 1.6 |
| | Nebraska | 5 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Nevada | 3 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | New Hampshire | 7 | 6 | 1.2 | 22.7 | .9 | 1.9 | 14.8 | 52.6 | 56.7 | 110.8 | 7.5 | .6 |
| | New Jersey | 48 | 48 | 8.0 | 145.6 | 5.9 | 12.0 | 94.5 | 274.3 | 719.4 | 1 014.3 | (D) | 9.0 |
| | New York | 81 | 57 | 12.1 | 246.5 | 8.8 | 16.4 | 159.0 | 547.7 | 1 465.3 | 2 138.7 | 90.9 | 13.3 |
| | North Carolina | 27 | 24 | 4.8 | 83.5 | 3.5 | 6.8 | 53.2 | 233.3 | 475.5 | 716.4 | 34.8 | 3.0 |
| | Ohio | 60 | 42 | 7.4 | 186.2 | 5.3 | 10.3 | 124.6 | 412.3 | 888.7 | 1 288.0 | 73.0 | 8.5 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|---|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | |
| 33 | Primary metal industries—Con. | | | | | | | | | | | | |
| 335 | Nonferrous rolling and drawing—Con. | | | | | | | | | | | | |
| | Oregon | 8 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| | Pennsylvania | 59 | 41 | 9.2 | 197.7 | 6.6 | 13.4 | 134.2 | 362.7 | 917.7 | 1 340.1 | 44.2 | 12.2 |
| | Rhode Island | 26 | 19 | 5.3 | 85.7 | 3.9 | 7.6 | 56.4 | 154.7 | 347.6 | 529.7 | 10.3 | 6.2 |
| | South Carolina | 10 | 10 | 1.7 | 28.0 | 1.4 | 2.7 | 20.0 | 54.0 | 108.3 | 164.2 | 2.4 | 1.0 |
| | Tennessee | 13 | 10 | 4.7 | 136.4 | 3.9 | 7.4 | 109.4 | 76.3 | 731.5 | 854.7 | (D) | 5.4 |
| | Texas | 38 | 24 | 4.0 | 68.7 | 2.9 | 5.7 | 44.3 | 123.3 | 448.4 | 574.0 | (D) | 2.9 |
| | Utah | 3 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) |
| | Vermont | 7 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .8 |
| | Virginia | 14 | 11 | 2.2 | 44.5 | 1.6 | 3.2 | 28.5 | 98.8 | 213.7 | 308.5 | (D) | 2.0 |
| | Washington | 11 | 8 | 3.1 | 94.6 | 2.4 | 4.2 | 67.7 | 157.3 | 559.2 | 754.0 | (D) | 3.8 |
| | West Virginia | 4 | 4 | 4.5 | 132.1 | 2.8 | 5.0 | 80.1 | 142.6 | 499.1 | 725.7 | (D) | FF |
| | Wisconsin | 13 | 5 | 1.3 | 27.5 | 1.0 | 1.7 | 17.4 | 57.0 | 60.5 | 117.9 | 4.8 | 2.0 |
| 336 | Nonferrous foundries | 1 907 | 785 | 75.4 | 1 385.1 | 60.7 | 114.3 | 1 002.8 | 2 458.1 | 2 110.1 | 4 603.2 | 172.2 | 82.1 |
| | Alabama | 29 | 12 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Arkansas | 16 | 9 | 1.1 | 15.4 | .8 | 1.5 | 10.5 | 48.0 | 31.5 | 78.8 | 2.3 | CC |
| | California | 267 | 120 | 8.5 | 147.9 | 7.1 | 13.5 | 106.8 | 278.5 | 192.1 | 478.7 | 18.4 | 9.1 |
| | Colorado | 21 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .3 |
| | Connecticut | 42 | 15 | 1.1 | 17.4 | .9 | 1.7 | 11.8 | 29.3 | 26.1 | 55.4 | (D) | 1.5 |
| | Florida | 33 | 5 | .5 | 6.9 | .4 | .7 | 5.3 | 11.8 | 9.8 | 21.8 | (D) | .7 |
| | Illinois | 173 | 77 | 6.6 | 117.2 | 5.4 | 10.2 | 83.2 | 192.7 | 186.7 | 381.5 | 15.3 | 7.0 |
| | Indiana | 58 | 29 | 2.9 | 71.5 | 2.4 | 4.5 | 54.3 | 124.7 | 140.9 | 267.9 | (D) | 4.2 |
| | Iowa | 28 | 8 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.3 |
| | Kansas | 15 | 5 | .5 | 7.5 | .4 | .8 | 5.4 | 13.3 | 12.6 | 26.3 | (D) | .5 |
| | Kentucky | 8 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.4 |
| | Massachusetts | 55 | 16 | 1.2 | 19.6 | 1.0 | 1.9 | 14.6 | 41.5 | 23.0 | 64.1 | 1.3 | 1.2 |
| | Michigan | 144 | 66 | 7.6 | 144.9 | 6.3 | 11.5 | 107.6 | 251.1 | 239.2 | 494.5 | 16.6 | 8.6 |
| | Minnesota | 40 | 21 | 2.4 | 48.4 | 1.9 | 3.6 | 35.3 | 75.6 | 59.9 | 135.8 | 5.4 | 2.3 |
| | Missouri | 47 | 20 | 2.2 | 39.0 | 1.8 | 3.3 | 26.5 | 72.2 | 53.6 | 127.3 | 4.3 | 2.0 |
| | New Hampshire | 14 | 7 | .7 | 12.8 | .6 | 1.2 | 9.7 | 20.2 | 10.5 | 30.0 | 2.5 | .4 |
| | New Jersey | 62 | 25 | 1.7 | 29.5 | 1.4 | 2.7 | 20.7 | 51.0 | 39.5 | 90.3 | (D) | 1.9 |
| | New York | 114 | 54 | 4.7 | 93.9 | 3.8 | 7.3 | 69.3 | 146.7 | 142.2 | 290.7 | 23.9 | 5.9 |
| | North Carolina | 23 | 11 | .6 | 10.1 | .5 | 1.0 | 7.2 | 29.8 | 22.4 | 50.6 | (D) | CC |
| | Ohio | 181 | 86 | 9.9 | 193.7 | 7.7 | 14.5 | 138.4 | 366.1 | 307.1 | 679.6 | 17.2 | 12.0 |
| | Oklahoma | 26 | 10 | .7 | 11.0 | .5 | 1.0 | 7.0 | 20.1 | 15.9 | 36.2 | .8 | .4 |
| | Pennsylvania | 122 | 52 | 5.4 | 97.1 | 4.3 | 7.9 | 70.6 | 183.2 | 116.0 | 300.7 | 9.2 | 5.9 |
| | Rhode Island | 34 | 7 | .5 | 6.1 | .4 | .8 | 4.2 | 10.5 | 16.4 | 26.9 | (D) | .4 |
| | South Carolina | 14 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .5 |
| | Tennessee | 19 | 10 | 1.1 | 16.7 | .9 | 1.8 | 12.3 | 34.9 | 34.3 | 69.6 | 1.7 | .9 |
| | Texas | 79 | 26 | 2.8 | 42.7 | 2.2 | 4.3 | 30.2 | 71.2 | 54.3 | 128.2 | 4.6 | 1.9 |
| | Wisconsin | 69 | 36 | 4.6 | 90.0 | 3.6 | 6.8 | 64.5 | 145.0 | 144.7 | 295.6 | 13.1 | 5.5 |
| 339 | Miscellaneous primary metal products | 1 007 | 368 | 25.9 | 497.5 | 19.1 | 37.4 | 317.9 | 997.9 | 1 011.1 | 2 066.3 | 94.2 | 26.0 |
| | California | 117 | 44 | 2.5 | 48.2 | 2.0 | 3.9 | 32.5 | 99.6 | 46.4 | 146.8 | 7.1 | 2.6 |
| | Connecticut | 45 | 14 | 1.2 | 21.1 | .9 | 1.8 | 14.0 | 40.4 | 29.8 | 70.5 | 2.4 | 1.0 |
| | Illinois | 63 | 32 | 2.3 | 40.6 | 1.6 | 3.0 | 28.0 | 77.4 | 91.4 | 172.0 | 4.7 | 2.0 |
| | Indiana | 38 | 17 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.0 |
| | Massachusetts | 34 | 14 | .9 | 17.5 | .7 | 1.4 | 10.7 | 43.4 | 43.4 | 84.7 | 7.0 | 1.0 |
| | Michigan | 148 | 57 | 3.3 | 68.3 | 2.5 | 5.0 | 45.1 | 128.6 | 73.8 | 202.7 | 9.2 | 3.9 |
| | New Jersey | 50 | 24 | 1.7 | 36.6 | 1.2 | 2.2 | 19.2 | 75.0 | 76.1 | 154.6 | 10.1 | 2.0 |
| | New York | 57 | 23 | 1.8 | 34.4 | 1.4 | 2.9 | 22.0 | 96.7 | 50.1 | 145.6 | 5.8 | 1.8 |
| | Ohio | 110 | 39 | 2.4 | 45.4 | 1.8 | 3.3 | 30.1 | 81.8 | 165.5 | 264.6 | 5.7 | 2.7 |
| | Pennsylvania | 62 | 20 | 2.8 | 61.8 | 1.9 | 3.6 | 34.5 | 92.4 | 143.3 | 249.1 | 18.0 | 1.8 |
| | Texas | 52 | 20 | 1.3 | 22.2 | 1.0 | 2.0 | 14.8 | 54.0 | 37.2 | 91.3 | (D) | CC |
| | Wisconsin | 25 | 8 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .7 |
| 34 | Fabricated metal products | 35 560 | 13 642 | 1 459.7 | 28 282.6 | 1 073.3 | 2 070.4 | 18 455.9 | 58 927.6 | 59 393.8 | 119 444.0 | 3 685.8 | 1 555.7 |
| | Alabama | 459 | 191 | 23.0 | 388.0 | 17.0 | 32.4 | 251.0 | 837.3 | 975.7 | 1 837.8 | 35.1 | 25.3 |
| | Alaska | 24 | 9 | .7 | 17.7 | .5 | 1.1 | 13.3 | 30.7 | 37.8 | 69.2 | 4.9 | (NA) |
| | Arizona | 345 | 92 | 7.9 | 116.9 | 5.6 | 11.0 | 78.5 | 260.2 | 254.8 | 513.0 | 17.5 | 5.2 |
| | Arkansas | 228 | 97 | 14.5 | 226.6 | 11.4 | 22.3 | 155.3 | 556.3 | 567.8 | 1 121.3 | 43.6 | 15.5 |
| | California | 4 700 | 1 549 | 139.8 | 2 791.0 | 101.5 | 199.4 | 1 768.0 | 5 783.1 | 5 489.5 | 11 398.3 | 347.3 | 136.2 |
| | Colorado | 416 | 130 | 16.9 | 347.5 | 11.5 | 21.9 | 207.1 | 675.9 | 583.6 | 1 289.9 | 34.6 | 13.7 |
| | Connecticut | 989 | 423 | 45.8 | 813.5 | 33.8 | 65.4 | 513.5 | 1 751.4 | 1 189.3 | 2 965.4 | 98.6 | 49.8 |
| | Delaware | 51 | 15 | 1.4 | 22.9 | 1.1 | 2.1 | 15.1 | 47.9 | 44.1 | 90.3 | 1.8 | 1.6 |
| | Florida | 1 160 | 352 | 29.6 | 476.3 | 22.2 | 43.2 | 303.4 | 1 008.6 | 1 308.3 | 2 321.3 | 56.9 | 24.3 |
| | Georgia | 516 | 218 | 19.5 | 309.2 | 15.0 | 29.4 | 211.0 | 736.1 | 986.1 | 1 723.3 | 39.8 | 19.2 |
| | Hawaii | 42 | 6 | .7 | 11.8 | .5 | 1.0 | 8.7 | 22.9 | 50.4 | 76.4 | (D) | .8 |
| | Idaho | 84 | 15 | 1.5 | 25.0 | 1.1 | 2.1 | 16.4 | 57.8 | 62.9 | 122.7 | 2.1 | 1.5 |
| | Illinois | 2 532 | 1 060 | 113.1 | 2 268.5 | 84.4 | 160.3 | 1 503.7 | 4 502.2 | 4 445.1 | 9 066.1 | 319.4 | 140.0 |
| | Indiana | 997 | 454 | 51.2 | 978.7 | 38.4 | 73.2 | 663.4 | 2 067.6 | 2 368.6 | 4 484.3 | 97.1 | 62.0 |
| | Iowa | 282 | 121 | 17.4 | 338.0 | 11.4 | 21.0 | 189.4 | 763.4 | 577.2 | 1 341.8 | 32.3 | 20.7 |
| | Kansas | 278 | 106 | 8.7 | 145.8 | 5.9 | 11.1 | 85.8 | 329.6 | 328.1 | 668.4 | 15.7 | 9.4 |
| | Kentucky | 308 | 155 | 18.1 | 327.3 | 13.6 | 25.9 | 223.0 | 756.4 | 941.0 | 1 706.3 | 34.1 | 22.2 |
| | Louisiana | 353 | 139 | 17.6 | 342.5 | 13.0 | 26.8 | 233.2 | 714.3 | 636.1 | 1 371.6 | 48.0 | 13.5 |
| | Maine | 96 | 32 | 3.5 | 58.2 | 2.6 | 5.0 | 37.6 | 123.5 | 92.6 | 217.8 | 7.8 | 2.8 |
| | Maryland | 342 | 124 | 12.4 | 235.2 | 9.1 | 18.2 | 161.4 | 532.4 | 707.0 | 1 246.1 | 21.2 | FF |
| | Massachusetts | 1 171 | 447 | 50.7 | 956.3 | 36.9 | 72.2 | 594.6 | 2 004.9 | 1 391.1 | 3 416.5 | 140.1 | 47.4 |
| | Michigan | 2 407 | 920 | 102.6 | 2 234.9 | 79.7 | 153.1 | 1 581.2 | 4 423.5 | 4 580.0 | 9 074.3 | 273.1 | 142.6 |
| | Minnesota | 687 | 240 | 30.9 | 685.1 | 20.5 | 38.5 | 389.2 | 1 292.7 | 1 084.5 | 2 388.8 | 70.4 | 30.3 |
| | Mississippi | 191 | 95 | 10.9 | 176.7 | 8.1 | 15.6 | 117.9 | 432.0 | 432.4 | 874.9 | 23.8 | 9.4 |
| | Missouri | 657 | 270 | 37.0 | 769.2 | 25.7 | 50.0 | 475.0 | 1 507.1 | 1 204.9 | 2 739.0 | 55.8 | 35.1 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|---|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | |
| 34 | Fabricated metal products—Con. | | | | | | | | | | | | |
| | Montana | 53 | 10 | .8 | 12.7 | .6 | 1.1 | 8.5 | 23.6 | 30.3 | 54.4 | .9 | .5 |
| | Nebraska | 134 | 55 | 6.9 | 128.1 | 4.8 | 9.5 | 73.7 | 287.9 | 370.1 | 658.7 | 21.4 | 7.4 |
| | Nevada | 80 | 20 | 2.2 | 40.0 | 1.5 | 2.7 | 24.9 | 106.1 | 70.9 | 181.1 | 8.1 | CC |
| | New Hampshire | 161 | 61 | 6.7 | 107.9 | 5.3 | 10.8 | 74.6 | 238.2 | 178.4 | 415.8 | 10.6 | 4.7 |
| | New Jersey | 1 542 | 580 | 52.9 | 1 014.8 | 39.4 | 76.0 | 658.3 | 2 119.1 | 2 159.5 | 4 296.0 | 109.1 | 57.9 |
| | New Mexico | 86 | 21 | 1.1 | 14.8 | .8 | 1.4 | 9.2 | 27.9 | 35.7 | 65.4 | 3.2 | 1.3 |
| | New York | 2 370 | 803 | 76.5 | 1 396.1 | 57.5 | 109.9 | 931.2 | 2 748.0 | 2 344.3 | 5 137.5 | 223.4 | 83.0 |
| | North Carolina | 585 | 259 | 27.7 | 463.8 | 20.6 | 39.2 | 303.8 | 1 094.5 | 1 358.1 | 2 470.3 | 88.6 | 26.3 |
| | Ohio | 2 422 | 1 090 | 130.8 | 2 827.8 | 96.4 | 185.6 | 1 905.3 | 5 937.4 | 6 224.6 | 12 268.5 | 371.4 | 164.5 |
| | Oklahoma | 564 | 209 | 22.5 | 438.4 | 15.6 | 30.7 | 272.8 | 925.5 | 935.1 | 1 875.3 | 69.7 | 18.6 |
| | Oregon | 438 | 124 | 9.8 | 196.8 | 7.0 | 13.2 | 119.8 | 420.2 | 399.1 | 829.6 | 22.2 | 11.8 |
| | Pennsylvania | 1 934 | 841 | 95.1 | 1 873.7 | 68.9 | 130.7 | 1 232.0 | 3 697.6 | 3 766.8 | 7 585.1 | 233.3 | 104.5 |
| | Rhode Island | 402 | 125 | 15.4 | 261.2 | 12.0 | 23.9 | 180.8 | 475.5 | 379.6 | 847.4 | 17.1 | 5.4 |
| | South Carolina | 273 | 116 | 13.3 | 216.3 | 10.2 | 19.9 | 148.4 | 536.9 | 617.1 | 1 163.5 | 42.0 | 12.3 |
| | South Dakota | 43 | 10 | 1.1 | 18.2 | .7 | 1.5 | 10.2 | 35.7 | 59.6 | 96.1 | 1.2 | 1.0 |
| | Tennessee | 568 | 250 | 30.5 | 512.3 | 23.2 | 43.6 | 339.1 | 1 063.5 | 1 112.2 | 2 195.2 | 59.3 | 33.4 |
| | Texas | 2 394 | 1 035 | 99.4 | 1 866.6 | 72.4 | 141.7 | 1 181.3 | 4 182.2 | 4 618.4 | 8 860.9 | 355.5 | 78.3 |
| | Utah | 221 | 71 | 6.2 | 113.7 | 4.5 | 8.8 | 74.3 | 221.7 | 245.0 | 470.1 | 12.7 | 4.4 |
| | Vermont | 63 | 15 | 4.0 | 89.9 | 2.2 | 4.6 | 37.3 | 212.5 | 148.1 | 363.6 | 14.1 | 3.1 |
| | Virginia | 306 | 117 | 15.5 | 287.9 | 11.8 | 23.3 | 199.6 | 686.2 | 1 111.6 | 1 817.8 | 31.8 | 15.5 |
| | Washington | 544 | 132 | 11.7 | 258.7 | 8.3 | 15.9 | 164.4 | 490.2 | 604.4 | 1 102.0 | 32.1 | 10.8 |
| | West Virginia | 115 | 57 | 6.5 | 124.2 | 4.9 | 9.5 | 85.5 | 259.9 | 277.0 | 551.7 | 43.7 | 8.2 |
| | Wisconsin | 884 | 373 | 46.7 | 939.2 | 33.5 | 63.4 | 612.8 | 1 885.9 | 1 959.8 | 3 930.3 | 89.1 | 51.7 |
| 341 | Metal cans and shipping containers | 566 | 403 | 58.9 | 1 533.0 | 48.4 | 96.3 | 1 202.7 | 4 443.3 | 7 709.8 | 12 171.5 | 269.7 | 72.3 |
| | Alabama | 9 | 7 | .7 | 16.7 | .6 | 1.2 | 12.8 | 43.8 | 90.0 | 132.4 | 1.3 | .7 |
| | California | 86 | 58 | 9.3 | 263.9 | 7.6 | 15.3 | 214.1 | 670.2 | 1 231.0 | 1 898.3 | 32.7 | 10.2 |
| | Colorado | 8 | 5 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF |
| | Florida | 21 | 13 | 2.0 | 57.8 | 1.7 | 3.3 | 45.9 | 145.1 | 321.4 | 467.6 | 11.3 | 2.3 |
| | Georgia | 15 | 13 | 2.1 | 48.6 | 1.8 | 3.7 | 38.0 | 149.5 | 228.5 | 376.5 | 8.4 | 1.8 |
| | Illinois | 51 | 39 | 6.9 | 171.1 | 5.5 | 10.9 | 131.0 | 419.3 | 571.3 | 999.5 | 22.7 | 9.5 |
| | Indiana | 12 | 11 | 1.7 | 50.1 | 1.5 | 3.0 | 38.8 | 102.7 | 468.8 | 572.5 | (D) | 2.3 |
| | Louisiana | 9 | 6 | .8 | 18.9 | .5 | 1.1 | 13.0 | 51.8 | 44.7 | 95.1 | 4.8 | .9 |
| | Maryland | 16 | 14 | 1.8 | 52.2 | 1.5 | 3.1 | 40.7 | 165.2 | 276.1 | 439.4 | 3.0 | 3.0 |
| | Minnesota | 11 | 8 | 1.2 | 32.3 | 1.0 | 2.0 | 27.5 | 133.0 | 162.9 | 297.6 | 3.3 | 1.4 |
| | Missouri | 11 | 10 | 1.6 | 49.9 | 1.4 | 2.7 | 37.0 | 136.0 | 249.4 | 383.5 | 4.5 | 2.7 |
| | New Jersey | 45 | 36 | 4.1 | 99.4 | 3.4 | 6.3 | 75.5 | 250.9 | 426.7 | 682.4 | 17.6 | 6.3 |
| | New York | 26 | 14 | 1.6 | 38.6 | 1.3 | 2.4 | 30.2 | 90.6 | 159.7 | 250.6 | (D) | 1.7 |
| | North Carolina | 11 | 9 | 1.3 | 41.5 | 1.1 | 2.0 | 32.0 | 116.6 | 241.0 | 358.4 | 20.5 | CC |
| | Ohio | 44 | 33 | 4.7 | 117.6 | 3.8 | 7.7 | 92.1 | 423.8 | 616.3 | 1 042.0 | 18.3 | 5.5 |
| | Oregon | 6 | 5 | .5 | 12.4 | .4 | .7 | 8.1 | 49.2 | 66.5 | 112.3 | 2.3 | .5 |
| | Pennsylvania | 28 | 21 | 2.6 | 65.4 | 2.2 | 4.4 | 51.4 | 188.6 | 269.2 | 455.4 | 14.9 | 4.2 |
| | South Carolina | 7 | 5 | 1.3 | 26.2 | 1.1 | 2.3 | 21.8 | 94.0 | 123.3 | 216.9 | (D) | BB |
| | Tennessee | 12 | 5 | .6 | 9.7 | .5 | 1.1 | 7.2 | 18.5 | 62.7 | 83.1 | (D) | .7 |
| | Texas | 33 | 27 | 3.5 | 97.2 | 2.9 | 5.7 | 76.7 | 332.5 | 546.3 | 879.1 | 12.6 | 4.6 |
| | Virginia | 4 | 3 | 1.4 | 38.9 | 1.2 | 2.6 | 33.5 | 97.1 | 289.2 | 386.8 | (D) | 1.5 |
| | Washington | 8 | 6 | .8 | 24.8 | .7 | 1.3 | 20.0 | 93.4 | 151.5 | 243.0 | 6.1 | .7 |
| | Wisconsin | 16 | 15 | 3.1 | 84.0 | 2.6 | 5.0 | 67.2 | 268.7 | 472.3 | 754.0 | 8.1 | 3.9 |
| 342 | Cutlery, hand tools, and hardware | 2 238 | 939 | 140.9 | 2 584.5 | 106.3 | 200.1 | 1 723.3 | 6 040.7 | 3 950.5 | 10 081.7 | 335.6 | 168.6 |
| | Alabama | 11 | 6 | 1.9 | 24.7 | 1.4 | 2.4 | 16.9 | 73.4 | 23.5 | 99.5 | 3.2 | 1.3 |
| | Arkansas | 18 | 10 | 1.3 | 17.9 | 1.1 | 2.1 | 13.0 | 52.7 | 30.5 | 77.5 | 4.7 | 1.8 |
| | California | 353 | 112 | 13.0 | 241.2 | 9.5 | 18.5 | 151.2 | 525.6 | 316.0 | 854.3 | 25.7 | 15.7 |
| | Colorado | 22 | 8 | 1.7 | 25.8 | 1.2 | 2.5 | 16.5 | 63.9 | 33.8 | 105.5 | 3.8 | 1.5 |
| | Connecticut | 96 | 53 | 10.9 | 192.1 | 7.8 | 14.9 | 120.0 | 488.7 | 237.7 | 745.9 | 25.3 | 13.0 |
| | Florida | 63 | 15 | 1.6 | 20.3 | 1.3 | 2.3 | 14.3 | 37.5 | 21.9 | 60.3 | 7.6 | 1.7 |
| | Georgia | 26 | 9 | 1.3 | 19.4 | 1.0 | 1.9 | 13.6 | 42.4 | 28.7 | 72.4 | 3.1 | .3 |
| | Illinois | 174 | 78 | 13.0 | 240.4 | 9.3 | 16.9 | 145.2 | 507.2 | 341.9 | 856.5 | 38.1 | 15.4 |
| | Indiana | 69 | 34 | 4.3 | 71.8 | 3.1 | 6.0 | 45.5 | 146.4 | 119.9 | 271.1 | 8.0 | 5.2 |
| | Iowa | 30 | 8 | .9 | 13.7 | .6 | 1.1 | 8.6 | 37.3 | 22.3 | 61.5 | .6 | .8 |
| | Kansas | 16 | 6 | .5 | 8.0 | .3 | .6 | 4.4 | 16.6 | 21.5 | 39.9 | .9 | .6 |
| | Kentucky | 20 | 14 | 1.7 | 28.1 | 1.3 | 2.5 | 18.3 | 62.1 | 54.8 | 123.0 | 3.6 | 2.4 |
| | Massachusetts | 97 | 47 | 8.4 | 158.2 | 6.7 | 12.8 | 111.1 | 449.0 | 177.8 | 628.2 | 29.9 | 10.3 |
| | Michigan | 147 | 59 | 11.7 | 271.9 | 9.2 | 17.5 | 197.2 | 588.4 | 557.4 | 1 160.4 | 22.6 | 17.7 |
| | Minnesota | 52 | 15 | 3.0 | 55.0 | 2.0 | 4.0 | 35.5 | 111.0 | 79.5 | 191.8 | 4.1 | 3.1 |
| | Mississippi | 14 | 7 | .8 | 12.3 | .6 | 1.2 | 8.9 | 30.6 | 26.3 | 57.3 | 3.0 | 1.6 |
| | Missouri | 44 | 20 | 1.5 | 23.8 | 1.1 | 2.2 | 15.4 | 59.4 | 30.7 | 91.9 | 2.6 | 2.0 |
| | Nebraska | 6 | 2 | .6 | 9.3 | .5 | 1.0 | 7.9 | 29.3 | 8.9 | 38.2 | (D) | .8 |
| | New Hampshire | 21 | 10 | .5 | 8.2 | .4 | .8 | 5.6 | 15.0 | 5.8 | 21.3 | 1.0 | .4 |
| | New Jersey | 84 | 41 | 7.3 | 139.3 | 6.0 | 10.3 | 103.5 | 285.0 | 201.8 | 491.6 | 13.7 | 9.3 |
| | New York | 178 | 79 | 11.1 | 198.2 | 8.2 | 15.4 | 130.3 | 415.2 | 309.2 | 730.6 | 21.7 | 13.5 |
| | North Carolina | 49 | 32 | 4.8 | 68.9 | 3.7 | 7.0 | 46.9 | 180.5 | 120.2 | 299.4 | 17.2 | 3.3 |
| | Ohio | 150 | 75 | 11.4 | 269.1 | 8.6 | 16.3 | 185.6 | 655.7 | 411.3 | 1 073.1 | 22.3 | 16.1 |
| | Oregon | 35 | 14 | 2.2 | 42.2 | 1.5 | 2.7 | 23.4 | 87.3 | 64.1 | 159.5 | 4.9 | 3.0 |
| | Pennsylvania | 119 | 62 | 6.2 | 100.8 | 4.9 | 9.4 | 69.5 | 203.7 | 140.4 | 342.2 | 16.9 | 7.4 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|---|---------------------------------|---|--------------------------------|---------------------------------|--------------------|---------------------|-------------------------------|--|---|--|---|--|---|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expend- itures (million dollars) | All em- ployees ² (1,000) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 34 | Fabricated metal products—Con. | | | | | | | | | | | | | |
| 342 | Cutlery, hand tools, and hardware —Con. | | | | | | | | | | | | | |
| | Rhode Island..... | 20 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.0 | 17.5 |
| | South Carolina..... | 16 | 9 | 2.6 | 37.5 | 2.1 | 3.8 | 26.2 | 108.3 | 45.0 | 156.1 | (D) | 3.4 | 83.5 |
| | Tennessee..... | 34 | 22 | 3.9 | 62.4 | 2.8 | 5.3 | 38.9 | 172.8 | 110.9 | 266.8 | 6.5 | 3.4 | 81.7 |
| | Texas..... | 75 | 23 | 2.1 | 27.8 | 1.6 | 3.0 | 17.8 | 76.3 | 50.5 | 124.8 | 4.5 | 1.6 | 34.4 |
| | Virginia..... | 12 | 6 | 1.6 | 29.8 | 1.2 | 2.6 | 18.7 | 74.8 | 41.3 | 117.3 | 5.0 | 1.2 | 38.8 |
| | West Virginia..... | 7 | 6 | 1.3 | 20.3 | 1.0 | 1.9 | 13.0 | 70.5 | 35.7 | 110.3 | 1.2 | 1.6 | 46.2 |
| | Wisconsin..... | 60 | 30 | 5.1 | 99.7 | 3.7 | 6.6 | 66.0 | 250.5 | 217.5 | 467.5 | 13.1 | 6.2 | 209.9 |
| 343 | Plumbing and heating, except electric..... | 1 177 | 398 | 47.9 | 820.7 | 34.0 | 63.8 | 499.1 | 2 022.6 | 1 940.7 | 4 003.3 | 96.9 | 53.2 | 1 573.6 |
| | Alabama..... | 11 | 7 | 1.0 | 13.2 | .8 | 1.5 | 9.1 | 39.3 | 42.0 | 83.3 | .8 | 1.5 | 42.2 |
| | California..... | 158 | 54 | 6.2 | 103.5 | 4.4 | 7.9 | 58.2 | 243.2 | 228.0 | 480.0 | 11.9 | 6.9 | 194.5 |
| | Colorado..... | 41 | 9 | .7 | 9.3 | .5 | .9 | 5.6 | 18.6 | 19.1 | 38.6 | .6 | (NA) | (NA) |
| | Connecticut..... | 30 | 16 | 1.5 | 25.7 | 1.1 | 2.1 | 15.1 | 51.6 | 56.2 | 110.0 | (D) | 1.2 | 30.6 |
| | Georgia..... | 17 | 6 | .6 | 7.9 | .5 | .8 | 4.7 | 17.2 | 16.5 | 35.6 | (D) | 1.0 | 24.5 |
| | Illinois..... | 59 | 22 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 4.7 | 142.5 |
| | Indiana..... | 28 | 11 | 2.5 | 44.8 | 1.8 | 3.8 | 29.9 | 158.6 | 107.9 | 267.8 | 7.4 | 3.9 | 145.3 |
| | Kansas..... | 17 | 7 | .9 | 15.0 | .6 | 1.1 | 8.6 | 30.6 | 27.7 | 59.3 | 1.2 | .4 | 9.4 |
| | Kentucky..... | 9 | 6 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.8 | 111.0 |
| | Massachusetts..... | 35 | 15 | 1.2 | 20.0 | .9 | 1.8 | 12.1 | 50.8 | 45.6 | 96.8 | (D) | .8 | 21.9 |
| | Michigan..... | 52 | 18 | 1.5 | 26.9 | 1.0 | 1.9 | 15.1 | 66.6 | 80.5 | 154.8 | 1.9 | 1.7 | 52.4 |
| | New Jersey..... | 28 | 13 | 1.5 | 25.7 | 1.1 | 2.1 | 13.9 | 53.2 | 51.8 | 106.9 | (D) | 1.9 | 43.8 |
| | New York..... | 70 | 24 | 2.2 | 34.7 | 1.6 | 2.9 | 22.3 | 71.2 | 80.5 | 154.5 | (D) | 2.5 | 65.5 |
| | North Carolina..... | 43 | 15 | 1.5 | 21.2 | 1.1 | 2.1 | 12.8 | 51.4 | 80.5 | 132.5 | 4.2 | 1.5 | 34.0 |
| | Ohio..... | 46 | 23 | 3.1 | 61.1 | 2.1 | 3.6 | 34.4 | 152.5 | 147.5 | 291.4 | 6.9 | 3.7 | 113.7 |
| | Oklahoma..... | 15 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .3 | 15.2 |
| | Oregon..... | 35 | 7 | .5 | 8.2 | .4 | .7 | 5.3 | 23.5 | 28.1 | 51.7 | 1.4 | .2 | 6.1 |
| | Pennsylvania..... | 69 | 25 | 3.3 | 60.7 | 1.9 | 3.6 | 30.9 | 139.5 | 138.7 | 278.9 | 5.5 | 4.4 | 135.0 |
| | South Carolina..... | 14 | 8 | .7 | 10.0 | .5 | 1.0 | 6.3 | 22.9 | 16.3 | 39.7 | 3.1 | .5 | 10.2 |
| | Tennessee..... | 19 | 11 | 1.4 | 20.2 | 1.0 | 1.9 | 14.1 | 56.3 | 53.6 | 112.7 | .9 | 1.2 | 29.7 |
| | Texas..... | 40 | 14 | 2.0 | 31.3 | 1.4 | 2.5 | 18.9 | 75.5 | 85.4 | 162.0 | 6.2 | 2.5 | 61.2 |
| | Vermont..... | 7 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) | (NA) |
| | Virginia..... | 22 | 10 | 1.0 | 16.2 | .7 | 1.3 | 9.9 | 43.3 | 37.0 | 81.4 | 1.2 | .5 | 21.6 |
| | Washington..... | 35 | 7 | .6 | 11.6 | .4 | .8 | 7.0 | 22.8 | 25.0 | 48.4 | .9 | .4 | 10.3 |
| | West Virginia..... | 2 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Wisconsin..... | 39 | 17 | 3.2 | 65.3 | 2.4 | 4.7 | 47.8 | 154.9 | 120.5 | 289.5 | 8.0 | 3.7 | 125.2 |
| 344 | Fabricated structural metal products..... | 12 681 | 4 669 | 421.9 | 7 897.2 | 300.4 | 586.7 | 4 955.8 | 15 466.3 | 18 944.1 | 34 904.3 | 751.6 | 425.7 | 11 785.3 |
| | Alabama..... | 260 | 107 | 10.3 | 178.8 | 7.3 | 14.2 | 109.2 | 376.4 | 515.8 | 900.6 | 12.2 | 11.3 | 326.5 |
| | Alaska..... | 16 | 6 | .5 | 10.7 | .4 | .7 | 7.0 | 11.4 | 18.1 | 30.0 | (D) | (NA) | (NA) |
| | Arizona..... | 167 | 48 | 5.0 | 70.5 | 3.4 | 6.5 | 45.9 | 140.1 | 158.6 | 297.0 | 6.8 | 3.3 | 69.1 |
| | Arkansas..... | 103 | 35 | 3.9 | 60.7 | 2.9 | 5.7 | 40.1 | 129.3 | 174.0 | 305.2 | 4.6 | 4.0 | 82.1 |
| | California..... | 1 545 | 464 | 35.1 | 715.6 | 25.2 | 48.9 | 449.2 | 1 390.0 | 1 601.7 | 3 054.3 | 60.2 | 37.3 | 1 053.3 |
| | Colorado..... | 181 | 55 | 3.6 | 65.5 | 2.6 | 4.9 | 40.7 | 113.9 | 177.8 | 308.1 | 9.1 | 3.1 | 74.5 |
| | Connecticut..... | 164 | 53 | 4.2 | 84.2 | 2.8 | 5.5 | 46.6 | 161.6 | 174.8 | 344.2 | 8.2 | 3.9 | 102.9 |
| | Delaware..... | 25 | 8 | .6 | 9.8 | .4 | .9 | 6.8 | 20.0 | 23.0 | 43.2 | .6 | CC | (D) |
| | Florida..... | 605 | 200 | 16.4 | 258.6 | 11.7 | 23.3 | 151.3 | 550.1 | 694.7 | 1 247.5 | 21.3 | 13.5 | 365.2 |
| | Georgia..... | 272 | 121 | 9.5 | 146.5 | 6.9 | 13.3 | 92.2 | 339.8 | 497.9 | 835.1 | 13.2 | 10.2 | 266.3 |
| | Idaho..... | 36 | 9 | .6 | 10.3 | .4 | .8 | 6.1 | 22.8 | 25.7 | 48.7 | .4 | CC | (D) |
| | Illinois..... | 542 | 214 | 16.7 | 324.9 | 11.6 | 22.5 | 198.4 | 635.1 | 850.5 | 1 499.8 | 31.5 | 20.5 | 639.6 |
| | Indiana..... | 321 | 136 | 12.1 | 224.4 | 8.4 | 16.2 | 138.5 | 436.3 | 591.4 | 1 041.8 | 22.1 | 12.9 | 379.8 |
| | Iowa..... | 116 | 50 | 4.3 | 74.6 | 3.0 | 5.8 | 44.9 | 145.2 | 201.6 | 351.8 | 8.5 | FF | (D) |
| | Kansas..... | 141 | 64 | 4.6 | 78.4 | 3.2 | 6.3 | 47.0 | 144.8 | 219.1 | 369.3 | 10.5 | FF | (D) |
| | Kentucky..... | 121 | 50 | 3.1 | 54.0 | 2.4 | 4.5 | 34.7 | 102.9 | 146.0 | 251.5 | 2.8 | 4.0 | 91.2 |
| | Louisiana..... | 205 | 87 | 11.0 | 217.3 | 8.4 | 17.7 | 155.1 | 446.2 | 431.9 | 896.9 | 29.6 | 8.7 | 230.6 |
| | Maine..... | 39 | 14 | 1.1 | 19.4 | .8 | 1.6 | 10.9 | 40.1 | 39.3 | 80.6 | 1.3 | 1.0 | 22.0 |
| | Maryland..... | 170 | 60 | 6.2 | 111.8 | 4.5 | 8.8 | 74.1 | 214.8 | 266.2 | 489.6 | 10.0 | 4.9 | 116.5 |
| | Massachusetts..... | 364 | 114 | 7.5 | 136.3 | 5.6 | 10.6 | 86.2 | 270.5 | 267.8 | 543.3 | 12.6 | 7.1 | 161.8 |
| | Michigan..... | 494 | 128 | 11.5 | 231.8 | 8.3 | 16.2 | 147.7 | 441.2 | 479.9 | 928.5 | 18.1 | 14.3 | 408.0 |
| | Minnesota..... | 228 | 69 | 5.5 | 111.7 | 4.0 | 7.8 | 72.3 | 206.1 | 232.4 | 448.1 | 8.9 | 7.9 | 216.6 |
| | Mississippi..... | 101 | 51 | 5.8 | 98.0 | 4.3 | 8.3 | 65.6 | 242.7 | 237.5 | 491.3 | 12.2 | 4.5 | 139.7 |
| | Missouri..... | 266 | 117 | 13.6 | 275.6 | 9.5 | 18.8 | 177.6 | 548.7 | 573.4 | 1 143.3 | 25.6 | 12.7 | 353.2 |
| | Montana..... | 20 | 8 | .5 | 9.6 | .4 | .8 | 6.4 | 15.4 | 24.4 | 40.1 | .5 | .3 | 5.4 |
| | Nebraska..... | 67 | 28 | 3.0 | 56.3 | 1.9 | 3.8 | 30.7 | 122.6 | 205.3 | 326.7 | 8.8 | 3.6 | 96.5 |
| | Nevada..... | 27 | 9 | .5 | 9.0 | .4 | .7 | 5.9 | 20.9 | 20.7 | 42.7 | 1.1 | .3 | 11.7 |
| | New Hampshire..... | 53 | 17 | 2.3 | 37.9 | 1.8 | 3.5 | 27.2 | 69.1 | 80.9 | 151.1 | 3.0 | 1.6 | 39.0 |
| | New Jersey..... | 497 | 161 | 12.2 | 236.2 | 8.9 | 17.8 | 147.8 | 464.6 | 542.8 | 1 006.3 | 21.8 | 12.6 | 325.9 |
| | New Mexico..... | 46 | 14 | .7 | 10.5 | .5 | .9 | 6.1 | 17.5 | 28.5 | 47.7 | 2.9 | .7 | 11.6 |
| | New York..... | 782 | 254 | 21.6 | 420.4 | 15.1 | 29.3 | 255.5 | 767.5 | 784.9 | 1 583.4 | 31.7 | 21.4 | 588.6 |
| | North Carolina..... | 233 | 107 | 10.4 | 172.2 | 7.5 | 14.7 | 108.0 | 361.2 | 491.1 | 859.7 | 17.2 | 11.2 | 562.4 |
| | Ohio..... | 614 | 247 | 27.2 | 541.7 | 18.7 | 35.8 | 330.4 | 1 086.9 | 1 284.1 | 2 384.5 | 38.5 | 32.0 | 969.3 |
| | Oklahoma..... | 291 | 117 | 12.8 | 251.4 | 9.0 | 17.5 | 155.6 | 491.2 | 553.8 | 1 059.3 | 28.2 | 11.6 | 325.4 |
| | Oregon..... | 204 | 44 | 3.4 | 70.6 | 2.3 | 4.5 | 42.3 | 134.8 | 147.6 | 288.6 | 4.4 | 4.3 | 118.1 |
| | Pennsylvania..... | 746 | 308 | 30.8 | 603.9 | 21.3 | 40.7 | 381.7 | 1 122.9 | 1 508.1 | 2 719.8 | 56.0 | 34.1 | 951.4 |
| | Rhode Island..... | 59 | 22 | 5.9 | 117.5 | 4.5 | 9.5 | 83.4 | 216.9 | 150.3 | 366.5 | 5.5 | 6.2 | 130.3 |
| | South Carolina..... | 127 | 58 | 5.0 | 83.7 | 3.7 | 7.2 | 55.0 | 176.7 | 303.9 | 489.2 | 10.3 | 4.3 | 97.2 |
| | South Dakota..... | 24 | 6 | .6 | 12.1 | .4 | .9 | 6.1 | 20.8 | 41.4 | 62.9 | .8 | .7 | 24.7 |
| | Tennessee..... | 252 | 108 | 12.8 | 232.6 | 9.5 | 17.8 | 149.3 | 410.6 | 500.7 | 922.8 | 17.0 | 13.6 | 322.2 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|---|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|--|
| | | All establishments ¹ | | —All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | All employees ² (1,000) |
| 34 | Fabricated metal products—Con. | | | | | | | | | | | | |
| 344 | Fabricated structural metal products—Con. | | | | | | | | | | | | |
| | Texas | 1 192 | 553 | 46.6 | 822.5 | 34.3 | 67.7 | 525.8 | 1 710.1 | 2 240.7 | 4 015.7 | 113.1 | 36.7 |
| | Utah | 120 | 51 | 4.0 | 75.6 | 2.9 | 5.8 | 49.5 | 136.3 | 175.0 | 316.9 | 7.4 | 3.0 |
| | Virginia | 170 | 62 | 6.7 | 114.3 | 4.8 | 9.5 | 68.6 | 220.6 | 299.0 | 518.9 | 12.4 | 8.6 |
| | Washington | 276 | 79 | 6.9 | 162.1 | 4.8 | 9.0 | 98.5 | 256.6 | 318.5 | 581.7 | 18.0 | 6.4 |
| | West Virginia | 57 | 27 | 2.0 | 38.4 | 1.5 | 2.7 | 24.9 | 74.5 | 107.1 | 182.9 | (D) | 2.0 |
| | Wisconsin | 272 | 116 | 11.9 | 231.0 | 7.8 | 15.6 | 137.4 | 407.2 | 486.7 | 904.7 | 19.0 | 10.4 |
| 345 | Screw machine products, bolts, etc. | 2 690 | 1 093 | 94.0 | 1 726.9 | 70.9 | 134.3 | 1 147.8 | 3 309.2 | 2 419.6 | 5 834.4 | 187.0 | 104.7 |
| | Alabama | 18 | 8 | .5 | 7.7 | .3 | .6 | 5.3 | 13.7 | 27.6 | 42.6 | .5 | 1.0 |
| | California | 288 | 102 | 12.8 | 249.2 | 9.5 | 18.8 | 164.7 | 510.5 | 228.3 | 760.6 | 25.9 | 10.5 |
| | Connecticut | 187 | 78 | 5.8 | 98.2 | 4.4 | 8.5 | 63.5 | 189.6 | 105.8 | 300.4 | 14.0 | 7.0 |
| | Florida | 52 | 14 | 1.4 | 20.5 | 1.1 | 2.0 | 14.6 | 39.1 | 24.7 | 64.1 | (D) | .6 |
| | Illinois | 380 | 151 | 14.4 | 271.9 | 11.1 | 20.5 | 185.9 | 488.7 | 390.4 | 890.7 | 33.1 | 18.5 |
| | Indiana | 89 | 41 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 3.7 |
| | Iowa | 17 | 10 | .8 | 12.9 | .6 | 1.1 | 8.0 | 27.8 | 26.1 | 53.6 | 1.5 | .8 |
| | Kentucky | 15 | 9 | 1.0 | 19.3 | .6 | 1.1 | 12.0 | 36.9 | 53.1 | 97.5 | 1.6 | .9 |
| | Massachusetts | 114 | 47 | 4.5 | 79.5 | 3.3 | 6.3 | 52.0 | 138.0 | 94.9 | 231.4 | 3.9 | 5.0 |
| | Michigan | 362 | 145 | 9.4 | 191.1 | 7.2 | 14.1 | 128.5 | 387.5 | 379.7 | 774.0 | 19.5 | 12.6 |
| | Minnesota | 44 | 21 | 1.4 | 27.4 | 1.1 | 2.1 | 18.8 | 49.8 | 27.2 | 77.3 | 2.4 | 1.5 |
| | Missouri | 41 | 19 | 1.0 | 17.3 | .8 | 1.5 | 12.0 | 34.4 | 20.0 | 54.6 | 1.2 | 1.2 |
| | New Hampshire | 18 | 10 | .5 | 7.3 | .3 | .6 | 4.1 | 15.2 | 8.4 | 23.9 | 1.1 | .4 |
| | New Jersey | 130 | 49 | 4.2 | 80.4 | 3.0 | 6.0 | 51.1 | 158.2 | 102.8 | 264.0 | 7.5 | 4.0 |
| | New York | 171 | 61 | 4.9 | 81.8 | 3.8 | 7.4 | 53.9 | 173.0 | 105.2 | 282.6 | 8.4 | 5.0 |
| | North Carolina | 20 | 8 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Ohio | 262 | 126 | 9.3 | 171.9 | 7.1 | 13.2 | 112.0 | 329.8 | 265.0 | 605.7 | 19.1 | 12.5 |
| | Oklahoma | 16 | 3 | .6 | 12.6 | .3 | .7 | 7.0 | 23.4 | 25.0 | 47.9 | 4.0 | .3 |
| | Pennsylvania | 118 | 60 | 7.6 | 146.6 | 5.6 | 9.9 | 98.7 | 255.1 | 189.3 | 462.7 | 15.2 | 9.0 |
| | Rhode Island | 47 | 17 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.3 |
| | Tennessee | 16 | 9 | .9 | 13.6 | .7 | 1.4 | 10.1 | 27.8 | 18.9 | 46.7 | .8 | .7 |
| | Texas | 62 | 26 | 2.0 | 34.9 | 1.4 | 2.7 | 20.3 | 72.3 | 60.1 | 132.9 | 9.4 | 1.8 |
| | Virginia | 8 | 6 | .6 | 8.1 | .4 | .8 | 6.3 | 18.5 | 40.7 | 62.0 | 1.2 | .7 |
| | Wisconsin | 88 | 32 | 2.3 | 42.8 | 1.7 | 3.4 | 28.7 | 77.7 | 43.9 | 123.2 | 3.7 | 2.5 |
| 346 | Metal forgings and stampings | 4 019 | 1 892 | 236.3 | 5 110.2 | 183.7 | 353.5 | 3 644.8 | 9 709.8 | 10 139.7 | 20 057.1 | 945.0 | 288.0 |
| | Alabama | 26 | 10 | 1.9 | 30.6 | 1.6 | 3.1 | 24.6 | 69.0 | 64.1 | 135.0 | 2.6 | 2.1 |
| | Arizona | 25 | 10 | .6 | 9.6 | .5 | .9 | 7.0 | 20.1 | 18.4 | 38.3 | 4.0 | .4 |
| | Arkansas | 11 | 8 | .9 | 11.1 | .7 | 1.2 | 6.9 | 37.5 | 35.9 | 72.3 | 2.0 | 1.9 |
| | California | 518 | 172 | 14.6 | 293.8 | 11.0 | 21.5 | 189.7 | 620.6 | 566.1 | 1 203.4 | 77.4 | 14.0 |
| | Colorado | 23 | 10 | .9 | 13.7 | .7 | 1.4 | 9.8 | 25.9 | 22.3 | 49.0 | 1.7 | .5 |
| | Connecticut | 155 | 68 | 6.5 | 115.6 | 5.1 | 10.4 | 78.2 | 227.0 | 205.5 | 435.6 | 13.6 | 6.5 |
| | Florida | 56 | 19 | 1.7 | 23.9 | 1.4 | 2.8 | 17.2 | 50.0 | 53.8 | 104.1 | 1.7 | 1.5 |
| | Georgia | 41 | 24 | 2.9 | 39.9 | 2.5 | 4.9 | 31.5 | 77.9 | 96.9 | 175.8 | 3.8 | 3.3 |
| | Illinois | 417 | 200 | 24.6 | 567.0 | 19.4 | 37.1 | 405.9 | 1 046.7 | 1 065.9 | 2 122.5 | 114.6 | 31.1 |
| | Indiana | 137 | 75 | 12.1 | 272.8 | 9.6 | 18.3 | 205.3 | 546.9 | 597.4 | 1 154.9 | 26.8 | 16.6 |
| | Iowa | 29 | 13 | 2.1 | 34.9 | 1.6 | 2.8 | 22.5 | 88.7 | 54.9 | 143.8 | 4.6 | 2.8 |
| | Kansas | 17 | 9 | .5 | 7.6 | .4 | .8 | 5.5 | 20.2 | 14.6 | 35.0 | .7 | .3 |
| | Kentucky | 38 | 25 | 2.3 | 36.0 | 1.8 | 3.3 | 25.1 | 64.2 | 69.7 | 134.9 | 4.5 | 2.6 |
| | Maine | 10 | 4 | .6 | 9.1 | .4 | .8 | 6.5 | 15.1 | 12.9 | 30.5 | (D) | BB |
| | Maryland | 24 | 8 | .5 | 7.3 | .4 | .7 | 4.5 | 14.7 | 13.9 | 28.3 | .7 | .9 |
| | Massachusetts | 129 | 69 | 11.4 | 231.6 | 7.1 | 14.9 | 120.4 | 471.4 | 392.9 | 880.5 | 51.3 | 6.6 |
| | Michigan | 510 | 283 | 44.5 | 1 072.5 | 36.2 | 69.4 | 816.2 | 2 059.0 | 2 323.5 | 4 401.7 | 157.9 | 66.7 |
| | Minnesota | 84 | 40 | 3.7 | 67.6 | 2.9 | 5.2 | 47.5 | 113.5 | 83.9 | 199.3 | 6.5 | 3.7 |
| | Mississippi | 16 | 11 | 1.7 | 24.9 | 1.4 | 2.6 | 17.8 | 54.0 | 62.9 | 116.5 | 3.1 | 1.7 |
| | Missouri | 64 | 29 | 2.0 | 37.9 | 1.6 | 2.9 | 23.6 | 75.0 | 66.5 | 142.1 | 6.5 | 2.2 |
| | New Jersey | 202 | 76 | 6.5 | 119.8 | 5.0 | 9.9 | 80.1 | 236.9 | 238.2 | 472.2 | 11.5 | 6.9 |
| | New York | 117 | 40 | 12.0 | 252.4 | 9.5 | 18.4 | 186.0 | 464.3 | 399.7 | 865.1 | 83.3 | 15.1 |
| | North Carolina | 40 | 19 | 1.5 | 24.8 | 1.1 | 2.2 | 15.3 | 54.3 | 50.8 | 106.5 | 1.9 | .8 |
| | Ohio | 443 | 264 | 39.1 | 962.4 | 30.9 | 59.9 | 716.8 | 1 697.4 | 1 974.5 | 3 734.3 | 187.7 | 53.8 |
| | Oklahoma | 18 | 9 | .6 | 10.0 | .4 | .9 | 6.3 | 23.4 | 23.4 | 45.8 | 2.5 | .5 |
| | Oregon | 25 | 11 | .6 | 10.9 | .5 | .9 | 7.2 | 22.0 | 17.9 | 40.4 | 1.4 | .5 |
| | Pennsylvania | 187 | 98 | 14.4 | 326.4 | 11.0 | 20.3 | 237.3 | 591.1 | 615.4 | 1 211.6 | 46.8 | 16.2 |
| | Rhode Island | 48 | 18 | 1.0 | 15.7 | .8 | 1.5 | 10.0 | 27.8 | 25.5 | 53.5 | 1.6 | 1.1 |
| | South Carolina | 20 | 9 | .9 | 10.8 | .6 | 1.1 | 6.8 | 25.1 | 31.6 | 57.4 | (D) | EE |
| | Tennessee | 49 | 24 | 2.4 | 41.1 | 1.9 | 3.6 | 28.9 | 79.1 | 132.1 | 215.4 | 10.7 | 2.5 |
| | Texas | 111 | 50 | 4.4 | 83.2 | 3.3 | 6.5 | 55.4 | 172.9 | 209.3 | 386.8 | 36.6 | 4.0 |
| | Virginia | 18 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .5 |
| | West Virginia | 14 | 9 | 1.5 | 32.9 | 1.1 | 2.1 | 23.6 | 46.0 | 61.9 | 112.3 | (D) | 1.8 |
| | Wisconsin | 133 | 75 | 12.6 | 267.3 | 9.0 | 16.5 | 175.0 | 452.1 | 391.0 | 885.1 | 26.6 | 15.6 |
| 347 | Metal services, n.e.c. | 5 070 | 1 405 | 96.9 | 1 518.2 | 77.2 | 152.2 | 1 035.5 | 2 896.5 | 2 234.3 | 5 124.8 | 200.2 | 93.5 |
| | Alabama | 36 | 10 | .9 | 14.5 | .7 | 1.4 | 9.1 | 29.2 | 14.4 | 42.3 | 1.7 | .8 |
| | Arizona | 40 | 9 | .6 | 7.3 | .5 | .9 | 5.5 | 14.8 | 11.4 | 26.1 | 1.2 | CC |
| | California | 869 | 269 | 17.2 | 261.6 | 13.7 | 27.7 | 177.1 | 478.0 | 323.6 | 804.0 | 34.0 | 13.7 |
| | Colorado | 47 | 11 | .6 | 7.3 | .4 | .8 | 5.0 | 12.6 | 7.9 | 20.5 | .7 | .5 |
| | Connecticut | 144 | 49 | 3.3 | 54.8 | 2.7 | 5.3 | 37.2 | 112.9 | 72.6 | 185.5 | 10.2 | 3.0 |
| | Florida | 122 | 25 | 1.6 | 23.9 | 1.3 | 2.6 | 16.2 | 40.1 | 29.2 | 69.5 | 3.6 | 1.4 |
| | Georgia | 46 | 10 | .6 | 9.7 | .5 | 1.0 | 6.5 | 19.0 | 14.9 | 34.0 | 2.7 | CC |
| | Illinois | 396 | 118 | 8.7 | 135.7 | 6.7 | 13.0 | 89.6 | 260.5 | 201.8 | 463.0 | 15.3 | FF |
| | Indiana | 139 | 51 | 3.8 | 61.5 | 2.9 | 5.7 | 39.4 | 115.5 | 97.0 | 214.2 | 7.8 | 3.8 |
| | Kentucky | 36 | 9 | .5 | 7.1 | .4 | .8 | 4.9 | 14.1 | 7.9 | 22.1 | .9 | CC |
| | Louisiana | 35 | 14 | .9 | 15.9 | .7 | 1.5 | 11.4 | 32.7 | 20.2 | 53.2 | 1.8 | .5 |
| | Maryland | 51 | 9 | .7 | 12.1 | .6 | 1.2 | 8.5 | 24.2 | 28.5 | 52.8 | .8 | CC |
| | Massachusetts | 214 | 66 | 4.1 | 60.8 | 3.3 | 6.4 | 40.8 | 109.5 | 73.7 | 183.1 | 7.6 | 3.5 |
| | Michigan | 404 | 108 | 7.7 | 125.9 | 6.1 | 11.7 | 83.3 | 239.4 | 180.3 | 419.2 | 12.2 | 9.8 |
| | Minnesota | 102 | 39 | 2.2 | 37.9 | 1.8 | 3.5 | 26.1 | 68.2 | 35.5 | 103.7 | 3.8 | 2.1 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|---|---------------------------------|---|--------------------------------|---------------------------------|--------------------|---------------------|-------------------------------|--|---|--|---|--|---|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expendi- tures (million dollars) | All em- ployees ² (1,000) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 34 | Fabricated metal products—Con. | | | | | | | | | | | | | |
| 347 | Metal services, n.e.c.—Con. | | | | | | | | | | | | | |
| | Missouri | 104 | 20 | 2.0 | 29.9 | 1.6 | 3.2 | 21.5 | 58.8 | 29.6 | 88.2 | 3.9 | EE | (D) |
| | New Jersey | 225 | 66 | 3.7 | 60.2 | 3.0 | 6.0 | 40.4 | 112.7 | 128.1 | 240.7 | 7.0 | 3.2 | 72.3 |
| | New York | 386 | 102 | 6.6 | 87.9 | 5.4 | 10.5 | 63.1 | 170.6 | 87.9 | 258.2 | 8.9 | 7.2 | 118.2 |
| | North Carolina | 59 | 17 | 1.3 | 18.5 | 1.0 | 2.0 | 13.3 | 40.0 | 23.0 | 63.9 | 3.2 | 1.4 | 26.2 |
| | Ohio | 380 | 101 | 7.9 | 138.0 | 6.3 | 12.3 | 96.5 | 272.7 | 393.4 | 650.6 | 18.3 | 8.3 | 212.8 |
| | Oklahoma | 65 | 16 | 1.1 | 16.9 | .9 | 1.8 | 12.0 | 35.1 | 19.6 | 55.1 | 10.0 | .7 | 13.0 |
| | Oregon | 36 | 13 | .6 | 8.7 | .5 | .9 | 6.3 | 16.5 | 9.7 | 26.2 | 1.3 | .8 | 15.3 |
| | Pennsylvania | 228 | 63 | 3.9 | 67.2 | 3.0 | 5.8 | 44.2 | 123.3 | 123.2 | 246.6 | 8.8 | 4.0 | 94.8 |
| | Rhode Island | 163 | 34 | 2.5 | 31.3 | 2.1 | 4.0 | 22.0 | 57.8 | 43.6 | 102.1 | 2.9 | 2.9 | 46.8 |
| | Tennessee | 68 | 16 | 1.5 | 19.8 | 1.3 | 2.5 | 14.6 | 36.9 | 23.2 | 59.9 | 1.9 | 1.8 | 27.5 |
| | Texas | 271 | 77 | 6.2 | 107.3 | 5.1 | 10.1 | 74.6 | 221.3 | 126.6 | 351.7 | 16.2 | 4.8 | 111.6 |
| | Washington | 60 | 12 | .9 | 16.3 | .7 | 1.5 | 11.0 | 30.2 | 14.9 | 45.1 | 1.2 | .7 | 17.0 |
| | Wisconsin | 119 | 30 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| 348 | Ordnance and accessories, n.e.c. — | 349 | 155 | 79.4 | 1 779.7 | 50.5 | 95.3 | 941.1 | 3 441.5 | 1 568.4 | 4 992.9 | 138.4 | 70.2 | 1 736.8 |
| | Alabama | 6 | 5 | .5 | 7.3 | .4 | .8 | 4.3 | 13.3 | 13.7 | 27.2 | .2 | BB | (D) |
| | Arkansas | 8 | 5 | 1.8 | 31.5 | 1.4 | 2.6 | 18.0 | 71.2 | 83.3 | 150.9 | (D) | EE | (D) |
| | California | 52 | 19 | 7.7 | 199.8 | 3.9 | 7.9 | 85.8 | 363.9 | 269.9 | 632.8 | 36.9 | 6.4 | 185.3 |
| | Colorado | 7 | 2 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Connecticut | 20 | 12 | 5.7 | 106.2 | 4.4 | 8.0 | 69.4 | 233.9 | 122.3 | 337.4 | 9.5 | 6.9 | 163.0 |
| | Florida | 16 | 5 | .5 | 6.7 | .4 | .7 | 3.6 | 14.2 | 14.3 | 29.1 | (D) | .4 | 7.8 |
| | Idaho | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Illinois | 15 | 9 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Indiana | 9 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.7 | 41.1 |
| | Iowa | 3 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Kansas | 4 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Louisiana | 2 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Maine | 2 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Massachusetts | 11 | 10 | 5.3 | 100.4 | 4.6 | 9.0 | 73.9 | 191.3 | 97.7 | 283.9 | (D) | 4.5 | 104.3 |
| | Minnesota | 8 | 5 | 9.6 | 273.5 | 5.1 | 9.0 | 119.3 | 454.6 | 342.2 | 791.9 | (D) | 7.1 | 162.5 |
| | Missouri | 7 | 3 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Nebraska | 5 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | Nevada | 4 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) | (NA) |
| | New Hampshire | 5 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | New York | 17 | 8 | 3.6 | 67.8 | 2.9 | 5.0 | 50.6 | 131.2 | 73.6 | 206.3 | 4.8 | 3.6 | 124.3 |
| | Ohio | 13 | 8 | 2.9 | 70.8 | 1.3 | 2.7 | 22.7 | 123.1 | 36.5 | 160.1 | .9 | 3.9 | 84.2 |
| | Pennsylvania | 17 | 8 | 3.6 | 64.2 | 2.8 | 5.6 | 47.9 | 169.9 | 92.2 | 257.3 | 4.7 | 2.9 | 55.4 |
| | Tennessee | 6 | 5 | 1.6 | 28.5 | 1.3 | 2.3 | 20.6 | 64.8 | 16.6 | 82.6 | .3 | 3.7 | 94.8 |
| | Texas | 25 | 6 | 5.0 | 107.4 | 3.3 | 5.3 | 55.0 | 210.3 | 36.1 | 247.0 | (D) | 4.5 | 101.6 |
| | Vermont | 3 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Wisconsin | 8 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| 349 | Miscellaneous fabricated metal products | 6 770 | 2 688 | 283.6 | 5 312.1 | 202.0 | 388.3 | 3 305.7 | 11 597.6 | 10 486.5 | 22 274.1 | 761.4 | 279.4 | 7 854.9 |
| | Alabama | 82 | 31 | 5.4 | 94.6 | 3.9 | 7.2 | 59.7 | 179.3 | 184.5 | 374.9 | 12.6 | FF | (D) |
| | Arizona | 59 | 13 | .9 | 14.8 | .7 | 1.3 | 9.9 | 37.3 | 24.7 | 62.6 | 4.7 | .4 | 8.6 |
| | Arkansas | 50 | 30 | 5.6 | 90.6 | 4.5 | 9.1 | 66.1 | 218.9 | 188.5 | 413.1 | 24.2 | 4.9 | 111.0 |
| | California | 831 | 299 | 23.9 | 462.4 | 16.7 | 32.8 | 278.1 | 981.1 | 724.9 | 1 710.6 | 42.6 | 21.5 | 641.4 |
| | Colorado | 73 | 23 | 2.8 | 50.8 | 2.1 | 3.7 | 31.6 | 99.2 | 83.8 | 186.6 | 6.8 | 2.5 | 68.7 |
| | Connecticut | 187 | 91 | 7.7 | 134.0 | 5.5 | 10.5 | 81.3 | 277.6 | 202.7 | 487.4 | 12.8 | 7.7 | 181.5 |
| | Florida | 187 | 56 | 4.1 | 60.1 | 3.0 | 5.7 | 37.6 | 122.6 | 136.4 | 256.6 | 7.3 | 2.6 | 59.8 |
| | Georgia | 83 | 32 | 2.2 | 33.9 | 1.7 | 3.4 | 22.4 | 83.4 | 98.7 | 182.6 | 5.6 | 1.9 | 55.8 |
| | Illinois | 498 | 229 | 22.4 | 421.2 | 16.5 | 31.2 | 272.3 | 864.5 | 828.1 | 1 726.2 | 47.4 | 27.5 | 769.1 |
| | Indiana | 193 | 92 | 10.0 | 167.6 | 7.5 | 13.8 | 111.0 | 327.0 | 308.1 | 645.1 | 17.3 | 11.8 | 312.8 |
| | Iowa | 56 | 30 | 7.0 | 154.3 | 4.0 | 7.4 | 75.8 | 349.1 | 189.5 | 532.5 | 14.9 | 6.8 | 227.1 |
| | Kansas | 45 | 10 | .9 | 15.6 | .6 | 1.2 | 10.3 | 35.0 | 28.7 | 65.4 | 1.8 | .8 | 19.9 |
| | Kentucky | 65 | 39 | 7.5 | 145.0 | 5.7 | 11.0 | 102.4 | 362.5 | 445.2 | 808.4 | 17.2 | 8.4 | 210.2 |
| | Louisiana | 80 | 25 | 3.6 | 68.9 | 2.3 | 4.8 | 41.0 | 138.2 | 127.2 | 267.9 | 11.5 | 2.3 | 52.8 |
| | Maine | 21 | 5 | .6 | 9.6 | .4 | .8 | 6.3 | 21.5 | 17.4 | 38.7 | 2.8 | CC | (D) |
| | Maryland | 56 | 26 | 2.3 | 41.9 | 1.7 | 3.2 | 27.3 | 89.5 | 94.5 | 187.3 | 4.5 | 1.5 | 51.6 |
| | Massachusetts | 201 | 75 | 7.9 | 161.3 | 5.2 | 9.9 | 92.3 | 310.2 | 209.8 | 524.0 | 15.3 | 8.9 | 238.9 |
| | Michigan | 409 | 173 | 15.7 | 306.1 | 11.3 | 21.6 | 187.8 | 616.8 | 539.2 | 1 171.8 | 39.3 | EE | (D) |
| | Minnesota | 122 | 36 | 3.9 | 72.4 | 2.4 | 4.4 | 38.1 | 141.9 | 106.6 | 250.2 | 10.9 | 3.2 | 84.4 |
| | Mississippi | 34 | 15 | 1.4 | 22.3 | 1.1 | 2.0 | 14.7 | 54.5 | 59.9 | 113.9 | 3.0 | .7 | 16.7 |
| | Missouri | 103 | 46 | 5.3 | 90.9 | 3.9 | 7.4 | 57.1 | 207.3 | 194.3 | 407.1 | 11.0 | 5.1 | 137.6 |
| | Nebraska | 31 | 11 | 1.7 | 29.6 | 1.2 | 2.4 | 18.6 | 63.3 | 77.4 | 143.7 | 5.1 | 1.4 | 39.4 |
| | New Hampshire | 28 | 12 | 1.6 | 23.8 | 1.2 | 2.6 | 16.2 | 55.6 | 44.4 | 99.6 | 2.4 | .7 | 9.5 |
| | New Jersey | 322 | 132 | 12.9 | 247.7 | 8.8 | 17.1 | 142.3 | 542.4 | 461.0 | 1 010.3 | 26.9 | 13.4 | 396.5 |
| | New York | 450 | 144 | 12.8 | 214.4 | 9.7 | 18.6 | 139.3 | 464.5 | 343.8 | 806.3 | 25.3 | 12.8 | 324.9 |
| | North Carolina | 129 | 52 | 5.9 | 103.2 | 4.4 | 8.0 | 66.6 | 264.9 | 329.8 | 599.0 | 23.2 | 6.8 | 166.9 |
| | Ohio | 470 | 213 | 25.2 | 495.2 | 17.6 | 34.0 | 314.8 | 1 195.7 | 1 096.0 | 2 326.8 | 59.4 | 28.7 | 910.3 |
| | Oklahoma | 137 | 51 | 5.9 | 120.0 | 3.7 | 7.3 | 69.9 | 241.0 | 233.2 | 477.9 | 21.2 | 5.0 | 140.4 |
| | Oregon | 81 | 22 | 1.6 | 33.6 | 1.1 | 2.0 | 19.9 | 64.0 | 48.6 | 111.5 | 5.7 | 2.1 | 50.7 |
| | Pennsylvania | 422 | 196 | 22.8 | 438.4 | 16.1 | 30.9 | 270.3 | 903.4 | 690.3 | 1 610.6 | 64.4 | 22.3 | 631.7 |
| | Rhode Island | 60 | 27 | 3.8 | 61.5 | 2.9 | 5.4 | 40.1 | 113.7 | 110.6 | 216.7 | 5.0 | 2.9 | 57.5 |
| | South Carolina | 55 | 19 | 2.1 | 35.9 | 1.7 | 3.5 | 25.4 | 96.6 | 86.8 | 183.9 | (D) | 2.2 | 67.7 |
| | Tennessee | 112 | 50 | 5.4 | 84.4 | 4.1 | 7.7 | 55.5 | 196.8 | 193.5 | 405.3 | 18.2 | 5.7 | 152.6 |
| | Texas | 585 | 259 | 27.5 | 555.0 | 19.2 | 38.2 | 336.8 | 1 311.0 | 1 263.4 | 2 561.1 | 155.0 | 18.0 | 554.3 |
| | Utah | 46 | 7 | 1.1 | 22.9 | .8 | 1.5 | 14.7 | 51.5 | 44.9 | 94.5 | 4.2 | .7 | 29.0 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|-------------|---|---------------------------------|---|--------------------------------|---------------------------------|--------------------|---------------------|-------------------------------|---|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expend- itures (million dollars) | All em- ployees ² (1,000) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 34 | Fabricated metal products—Con. | | | | | | | | | | | | | |
| 349 | Miscellaneous fabricated metal products—Con. | | | | | | | | | | | | | |
| | Virginia | 44 | 19 | 2.9 | 64.2 | 2.3 | 4.4 | 50.0 | 178.1 | 332.0 | 524.3 | 8.6 | 2.1 | 63.3 |
| | Washington | 96 | 17 | 1.2 | 20.7 | .9 | 1.7 | 13.4 | 43.0 | 43.8 | 87.5 | 2.9 | 1.3 | 33.8 |
| | West Virginia | 20 | 9 | .9 | 17.5 | .6 | 1.3 | 12.2 | 39.0 | 49.1 | 94.0 | 1.9 | 1.5 | 40.6 |
| | Wisconsin | 149 | 54 | 5.4 | 98.0 | 3.7 | 7.0 | 58.7 | 181.4 | 165.8 | 350.1 | 8.0 | 5.7 | 161.1 |
| 35 | Machinery, except electrical | 52 912 | 14 264 | 2 188.7 | 46 910.7 | 1 358.0 | 2 596.8 | 25 093.1 | 102 269.8 | 83 787.8 | 187 895.7 | 8 537.2 | 2 083.3 | 67 222.5 |
| | Alabama | 537 | 144 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 13.0 | 313.3 |
| | Arizona | 489 | 104 | 23.4 | 547.0 | 9.8 | 19.5 | 165.3 | 1 112.4 | 1 344.3 | 2 398.7 | 182.3 | 14.0 | 731.0 |
| | Arkansas | 338 | 87 | 12.4 | 196.4 | 9.0 | 17.2 | 123.5 | 450.4 | 459.4 | 915.3 | 30.1 | 11.6 | 320.0 |
| | California | 7 644 | 1 648 | 248.0 | 5 542.9 | 135.3 | 265.2 | 2 414.3 | 12 169.8 | 8 632.6 | 20 808.4 | 1 268.2 | 174.3 | 5 630.7 |
| | Colorado | 611 | 144 | 29.3 | 647.9 | 15.8 | 32.0 | 277.3 | 1 342.0 | 1 059.1 | 2 336.2 | 184.2 | 15.0 | 484.1 |
| | Connecticut | 1 458 | 354 | 55.1 | 1 152.0 | 34.1 | 67.1 | 621.9 | 2 122.9 | 1 279.1 | 3 476.4 | 149.1 | 56.7 | 1 633.3 |
| | Delaware | 60 | 11 | 1.8 | 34.4 | 1.1 | 2.1 | 18.2 | 67.4 | 43.7 | 111.6 | 9.7 | 1.7 | 33.3 |
| | Florida | 1 297 | 274 | 33.5 | 667.4 | 18.8 | 37.8 | 270.7 | 1 785.8 | 1 383.1 | 3 130.5 | 177.8 | 20.9 | 552.7 |
| | Georgia | 773 | 207 | 22.6 | 373.1 | 15.7 | 30.0 | 218.0 | 871.2 | 758.4 | 1 648.9 | 74.1 | 16.2 | 405.3 |
| | Idaho | 140 | 26 | 5.2 | 114.7 | 3.5 | 7.2 | 73.8 | 332.4 | 219.8 | 545.6 | 18.2 | 3.3 | 50.6 |
| | Illinois | 3 465 | 1 031 | 171.7 | 3 846.3 | 113.6 | 202.6 | 2 278.1 | 8 112.2 | 7 533.6 | 16 002.0 | 647.6 | 211.2 | 7 148.9 |
| | Indiana | 1 437 | 434 | 64.1 | 1 405.6 | 42.0 | 79.0 | 812.1 | 2 501.2 | 2 400.6 | 5 099.4 | 294.6 | 73.7 | 2 404.1 |
| | Iowa | 562 | 204 | 49.5 | 1 230.1 | 31.8 | 56.2 | 737.6 | 3 347.0 | 2 907.2 | 6 145.5 | 138.0 | 61.5 | 2 505.2 |
| | Kansas | 620 | 181 | 24.0 | 447.8 | 15.8 | 29.2 | 255.9 | 962.3 | 992.7 | 2 022.3 | 67.3 | 25.7 | 707.5 |
| | Kentucky | 457 | 151 | 34.5 | 715.3 | 22.7 | 41.1 | 402.9 | 1 688.7 | 1 326.7 | 3 046.2 | 104.1 | 38.8 | 1 323.5 |
| | Louisiana | 550 | 138 | 13.9 | 281.9 | 10.1 | 19.5 | 175.5 | 589.9 | 420.2 | 1 001.8 | 69.0 | 9.3 | 247.1 |
| | Maine | 145 | 36 | 5.0 | 91.2 | 3.4 | 6.4 | 53.8 | 258.4 | 159.3 | 413.4 | 17.0 | 3.9 | 125.9 |
| | Maryland | 342 | 106 | 17.9 | 372.7 | 12.2 | 23.1 | 234.9 | 835.4 | 554.2 | 1 403.2 | 56.4 | 19.1 | 709.7 |
| | Massachusetts | 1 798 | 553 | 96.2 | 2 143.5 | 54.0 | 109.0 | 936.7 | 5 142.0 | 3 204.9 | 8 391.4 | 365.3 | 81.2 | 2 998.6 |
| | Michigan | 4 094 | 1 174 | 126.2 | 3 066.3 | 84.7 | 165.6 | 1 872.9 | 5 463.0 | 4 609.7 | 10 485.3 | 347.4 | 145.9 | 4 961.5 |
| | Minnesota | 1 236 | 378 | 71.0 | 1 557.4 | 37.1 | 71.5 | 689.1 | 3 567.4 | 2 767.3 | 6 395.9 | 287.6 | 64.1 | 2 058.9 |
| | Mississippi | 249 | 77 | 13.2 | 214.2 | 9.3 | 17.7 | 133.5 | 517.9 | 518.0 | 1 049.5 | 38.9 | 11.9 | 309.4 |
| | Missouri | 890 | 231 | 30.6 | 571.0 | 20.2 | 38.8 | 335.6 | 1 095.2 | 938.1 | 2 082.9 | 62.2 | 32.1 | 905.8 |
| | Montana | 73 | 7 | .6 | 8.2 | .4 | .8 | 5.9 | 16.9 | 12.2 | 29.0 | 2.2 | .4 | 9.2 |
| | Nebraska | 285 | 87 | 13.2 | 253.7 | 8.6 | 16.7 | 148.5 | 558.1 | 491.5 | 1 078.0 | 41.2 | 12.2 | 409.5 |
| | Nevada | 100 | 15 | 1.6 | 30.4 | 1.1 | 2.3 | 18.5 | 66.9 | 55.1 | 123.6 | 3.6 | CC | (D) |
| | New Hampshire | 307 | 103 | 18.7 | 360.9 | 10.9 | 22.5 | 178.5 | 1 032.6 | 911.8 | 1 968.9 | 52.7 | 12.7 | 319.7 |
| | New Jersey | 2 092 | 517 | 59.1 | 1 209.4 | 37.1 | 72.7 | 665.2 | 2 439.9 | 1 919.1 | 4 477.3 | 139.6 | 63.5 | 1 750.6 |
| | New Mexico | 152 | 30 | 3.0 | 49.5 | 2.1 | 4.1 | 29.8 | 82.4 | 163.4 | 245.9 | 7.3 | 1.6 | 36.4 |
| | New York | 2 763 | 712 | 137.6 | 3 115.3 | 86.3 | 165.2 | 1 644.8 | 6 380.4 | 6 048.1 | 12 568.4 | 538.1 | 133.3 | 4 784.7 |
| | North Carolina | 989 | 289 | 43.9 | 831.2 | 26.8 | 49.4 | 376.6 | 2 042.1 | 2 441.5 | 4 442.1 | 281.7 | 33.0 | 958.3 |
| | North Dakota | 112 | 25 | 3.3 | 63.2 | 2.0 | 3.5 | 29.8 | 140.5 | 176.9 | 321.4 | 11.6 | 3.9 | 105.9 |
| | Ohio | 3 807 | 1 096 | 163.1 | 3 570.3 | 105.8 | 201.7 | 2 099.5 | 6 796.8 | 5 743.8 | 12 772.8 | 388.5 | 197.3 | 5 989.2 |
| | Oklahoma | 908 | 245 | 38.9 | 767.1 | 24.5 | 46.8 | 429.8 | 1 598.6 | 1 610.2 | 3 226.1 | 198.2 | 28.1 | 792.4 |
| | Oregon | 617 | 120 | 16.7 | 354.2 | 9.4 | 16.7 | 172.8 | 758.2 | 519.0 | 1 262.2 | 56.7 | 14.4 | 482.8 |
| | Pennsylvania | 2 546 | 808 | 123.5 | 2 559.8 | 76.9 | 147.2 | 1 414.1 | 5 246.0 | 3 721.4 | 9 052.9 | 321.0 | 129.7 | 3 702.5 |
| | Rhode Island | 301 | 62 | 7.9 | 143.2 | 5.0 | 9.5 | 77.2 | 275.6 | 167.1 | 429.9 | 13.7 | 8.7 | 215.0 |
| | South Carolina | 483 | 152 | 28.2 | 472.3 | 19.4 | 35.0 | 274.9 | 1 058.6 | 928.0 | 1 989.0 | 99.6 | 27.3 | 690.9 |
| | South Dakota | 87 | 34 | 4.1 | 64.4 | 2.8 | 5.1 | 39.3 | 116.5 | 183.7 | 304.8 | 7.4 | 3.0 | 70.6 |
| | Tennessee | 677 | 197 | 29.4 | 492.7 | 21.4 | 39.5 | 324.0 | 1 672.6 | 1 220.3 | 2 958.6 | 92.4 | 29.7 | 1 118.7 |
| | Texas | 3 814 | 1 076 | 169.7 | 3 658.2 | 101.3 | 200.1 | 1 884.4 | 9 434.6 | 7 518.1 | 16 743.9 | 1 230.6 | 115.4 | 3 862.1 |
| | Utah | 253 | 52 | 10.8 | 220.0 | 6.4 | 13.1 | 109.5 | 640.4 | 343.0 | 973.8 | 44.6 | 8.9 | 312.0 |
| | Vermont | 90 | 35 | 6.6 | 123.6 | 4.4 | 8.0 | 77.3 | 313.5 | 128.4 | 455.7 | (D) | 6.0 | 189.8 |
| | Virginia | 526 | 154 | 19.0 | 351.6 | 13.1 | 23.9 | 208.4 | 701.3 | 695.0 | 1 423.8 | 52.6 | 17.4 | 436.2 |
| | Washington | 749 | 139 | 16.8 | 351.0 | 10.7 | 20.3 | 199.4 | 679.0 | 518.3 | 1 209.0 | 42.6 | 13.8 | 386.4 |
| | West Virginia | 249 | 70 | 6.0 | 109.8 | 4.4 | 8.2 | 71.1 | 206.8 | 197.7 | 418.8 | 11.7 | 6.4 | 185.5 |
| | Wisconsin | 1 597 | 522 | 98.4 | 2 190.2 | 64.5 | 121.7 | 1 315.7 | 4 978.5 | 3 960.0 | 9 149.7 | 241.6 | 109.7 | 3 787.4 |
| | Wyoming | 79 | 20 | 2.0 | 35.6 | 1.3 | 2.5 | 21.5 | 73.8 | 52.6 | 126.9 | 3.5 | .8 | 16.8 |
| 351 | Engines and turbines | 341 | 208 | 112.0 | 2 849.7 | 71.3 | 132.8 | 1 654.3 | 6 069.3 | 6 646.7 | 13 039.7 | 727.8 | 129.6 | 4 959.6 |
| | California | 40 | 16 | 6.0 | 169.2 | 3.2 | 6.2 | 69.5 | 396.6 | 304.7 | 688.0 | (D) | 4.3 | 184.1 |
| | Colorado | 3 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Connecticut | 15 | 8 | 3.6 | 75.5 | 2.6 | 4.8 | 50.1 | 183.0 | 86.1 | 274.0 | 16.1 | FF | (D) |
| | Illinois | 19 | 14 | 11.8 | 294.6 | 8.5 | 13.1 | 195.5 | 754.7 | 1 056.1 | 1 898.6 | 80.0 | 16.1 | 469.4 |
| | Indiana | 14 | 12 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Iowa | 10 | 10 | 2.3 | 62.1 | 1.6 | 2.9 | 40.1 | 150.8 | 248.3 | 400.5 | 8.0 | 2.7 | 94.8 |
| | Maine | 3 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Maryland | 1 | 1 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Massachusetts | 15 | 7 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Michigan | 24 | 18 | 9.5 | 272.2 | 5.8 | 10.4 | 150.6 | 482.6 | 778.5 | 1 305.6 | 37.4 | 11.3 | 659.5 |
| | Minnesota | 4 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | New Jersey | 11 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | New York | 21 | 13 | 11.0 | 297.9 | 6.5 | 12.8 | 143.7 | 670.5 | 608.7 | 1 293.0 | 73.6 | 13.6 | 614.5 |
| | North Carolina | 8 | 6 | 2.9 | 65.9 | 1.9 | 3.4 | 35.0 | 294.7 | 137.8 | 430.4 | 162.9 | EE | (D) |
| | Ohio | 19 | 13 | 4.3 | 122.8 | 3.1 | 6.7 | 89.0 | 305.1 | 398.2 | 714.4 | 22.5 | 4.0 | 185.6 |
| | Oklahoma | 6 | 5 | 1.5 | 23.3 | 1.2 | 2.1 | 16.3 | 65.9 | 94.5 | 158.0 | 3.1 | .9 | 19.3 |
| | Pennsylvania | 14 | 8 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | South Carolina | 6 | 5 | 2.7 | 62.1 | 1.9 | 3.6 | 39.2 | 164.7 | 155.7 | 293.0 | (D) | FF | (D) |
| | Tennessee | 3 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | Texas | 27 | 15 | 3.3 | 66.2 | 1.3 | 2.6 | 27.0 | 95.2 | 284.5 | 392.1 | 5.9 | 1.9 | 43.3 |
| | Wisconsin | 33 | 26 | 19.6 | 471.7</ | | | | | | | | | |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|--|---------------------------------|---|--------------------------------|------------------------------|--------------------|---------------------|----------------------------|---|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All em- ployees ² (1,000) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 35 | Machinery, except electrical—Con. | | | | | | | | | | | | | |
| 352 | Farm and garden machinery—Con. | | | | | | | | | | | | | |
| | Georgia | 69 | 28 | 3.2 | 48.9 | 2.2 | 4.0 | 26.1 | 128.7 | 189.6 | 323.9 | 7.1 | 2.9 | 80.5 |
| | Idaho | 30 | 10 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .7 | 9.6 |
| | Illinois | 124 | 66 | 20.5 | 495.5 | 13.7 | 23.3 | 309.4 | 1 332.4 | 1 415.9 | 2 856.6 | 134.4 | 25.4 | 1 002.1 |
| | Indiana | 88 | 36 | 3.4 | 65.6 | 2.1 | 4.4 | 36.5 | 146.9 | 145.7 | 303.3 | 14.5 | 5.4 | 188.8 |
| | Iowa | 157 | 66 | 19.2 | 528.5 | 13.1 | 24.2 | 341.2 | 1 606.0 | 1 389.6 | 3 014.5 | 60.3 | 25.6 | 1 230.9 |
| | Kansas | 120 | 50 | 5.0 | 91.4 | 3.6 | 6.3 | 50.1 | 198.8 | 249.2 | 460.2 | 10.6 | 6.5 | 175.4 |
| | Kentucky | 15 | 6 | 1.6 | 33.9 | 1.1 | 2.1 | 23.3 | 49.4 | 94.4 | 155.7 | 2.6 | FF | (D) |
| | Louisiana | 18 | 11 | .9 | 13.7 | .4 | .8 | 6.8 | 28.5 | 24.6 | 52.1 | .6 | .5 | 12.1 |
| | Maryland | 4 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | Michigan | 53 | 17 | 3.0 | 59.4 | 2.2 | 4.1 | 38.9 | 68.0 | 231.0 | 382.5 | 7.7 | 6.0 | 239.4 |
| | Minnesota | 129 | 39 | 3.5 | 57.6 | 2.3 | 4.2 | 33.1 | 145.8 | 167.1 | 321.4 | (D) | 5.4 | 162.4 |
| | Mississippi | 33 | 18 | 2.2 | 30.3 | 1.6 | 3.3 | 19.2 | 80.4 | 165.5 | 248.8 | 4.5 | 2.9 | 62.4 |
| | Missouri | 58 | 19 | 2.6 | 43.3 | 1.8 | 3.1 | 28.5 | 81.0 | 158.9 | 258.1 | 4.2 | 2.8 | 146.3 |
| | Nebraska | 104 | 39 | 6.4 | 124.3 | 3.9 | 7.6 | 66.0 | 317.9 | 296.5 | 629.0 | 18.4 | 7.7 | 275.1 |
| | New York | 29 | 7 | 1.4 | 25.9 | .8 | 1.4 | 12.8 | 73.8 | 57.4 | 134.1 | 9.7 | 2.2 | 101.2 |
| | North Carolina | 38 | 11 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 3.4 | 104.3 |
| | North Dakota | 49 | 15 | 2.0 | 36.7 | 1.2 | 2.1 | 17.4 | 90.3 | 121.5 | 213.1 | 8.3 | 2.4 | 62.7 |
| | Ohio | 63 | 22 | 3.0 | 57.7 | 2.2 | 4.3 | 38.3 | 118.8 | 160.2 | 274.4 | 4.4 | 4.4 | 117.7 |
| | Oklahoma | 38 | 5 | .7 | 10.4 | .4 | 1.0 | 5.7 | 18.5 | 28.5 | 49.7 | 1.7 | .9 | 23.7 |
| | Oregon | 29 | 7 | .5 | 7.8 | .3 | .6 | 4.8 | 15.0 | 16.9 | 32.5 | 1.0 | .7 | 19.9 |
| | Pennsylvania | 46 | 9 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 5.0 | 165.4 |
| | South Carolina | 7 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .9 | 20.1 |
| | South Dakota | 27 | 9 | .5 | 7.5 | .3 | .6 | 4.3 | 15.1 | 17.6 | 34.3 | .9 | .7 | 18.7 |
| | Tennessee | 26 | 10 | 1.5 | 31.1 | 1.0 | 1.9 | 16.6 | 65.0 | 76.0 | 138.9 | 6.0 | 2.9 | 84.5 |
| | Texas | 120 | 31 | 2.8 | 37.2 | 1.9 | 3.7 | 22.6 | 85.9 | 125.1 | 213.1 | 6.3 | 3.4 | 93.5 |
| | Washington | 40 | 8 | .5 | 8.1 | .4 | .7 | 5.0 | 17.8 | 19.9 | 37.9 | 1.6 | .8 | 22.0 |
| | Wisconsin | 105 | 49 | 11.1 | 254.7 | 7.5 | 13.5 | 142.2 | 827.1 | 773.8 | 1 642.6 | 36.6 | 14.0 | 619.1 |
| 353 | Construction and related machinery | 3 952 | 1 865 | 325.8 | 7 332.3 | 197.7 | 365.1 | 3 976.4 | 16 453.3 | 15 556.4 | 32 037.5 | 1 578.1 | 333.0 | 11 835.6 |
| | Alabama | 43 | 25 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 3.1 | 88.7 |
| | Arkansas | 30 | 14 | 1.5 | 26.9 | 1.0 | 1.9 | 15.2 | 57.6 | 44.0 | 102.3 | 3.2 | 1.2 | 27.7 |
| | California | 376 | 145 | 22.5 | 531.1 | 12.7 | 24.2 | 261.7 | 1 441.3 | 874.5 | 2 376.9 | 142.8 | 18.3 | 691.6 |
| | Colorado | 72 | 32 | 3.6 | 71.1 | 2.1 | 3.9 | 36.7 | 149.7 | 134.1 | 283.4 | 9.9 | 3.0 | 99.2 |
| | Connecticut | 31 | 11 | .7 | 13.0 | .4 | .8 | 6.4 | 28.1 | 25.4 | 54.5 | 1.2 | .5 | 14.5 |
| | Florida | 104 | 34 | 2.6 | 47.3 | 1.6 | 3.1 | 22.7 | 96.9 | 94.4 | 193.5 | 17.2 | 1.7 | 50.2 |
| | Georgia | 51 | 17 | 1.7 | 29.2 | 1.1 | 2.0 | 15.4 | 51.2 | 77.8 | 134.8 | (D) | 1.4 | 43.1 |
| | Idaho | 11 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Illinois | 188 | 91 | 39.2 | 959.5 | 26.0 | 40.1 | 556.1 | 1 889.7 | 2 196.3 | 4 092.6 | 193.1 | 56.4 | 2 345.8 |
| | Indiana | 93 | 39 | 5.5 | 114.4 | 3.4 | 6.1 | 64.3 | 241.0 | 270.9 | 551.7 | 15.6 | 6.5 | 226.8 |
| | Iowa | 61 | 39 | 15.7 | 398.6 | 9.5 | 15.3 | 216.9 | 1 020.2 | 918.5 | 1 798.3 | 49.8 | 20.0 | 812.9 |
| | Kansas | 60 | 36 | 4.5 | 92.0 | 2.8 | 5.3 | 48.1 | 175.6 | 266.0 | 456.4 | 16.9 | 5.3 | 131.3 |
| | Kentucky | 58 | 33 | 6.2 | 126.1 | 3.6 | 6.4 | 68.7 | 244.8 | 324.6 | 576.5 | 11.1 | 6.5 | 198.1 |
| | Louisiana | 107 | 48 | 4.6 | 102.9 | 3.4 | 6.2 | 59.0 | 244.6 | 161.4 | 393.0 | 51.7 | 2.4 | 84.2 |
| | Maine | 11 | 4 | .5 | 8.1 | .3 | .6 | 4.4 | 19.1 | 15.7 | 35.3 | .7 | AA | (D) |
| | Massachusetts | 51 | 25 | 1.4 | 27.7 | .9 | 1.9 | 14.5 | 51.8 | 45.6 | 97.6 | (D) | 1.2 | 29.9 |
| | Michigan | 195 | 86 | 12.4 | 309.5 | 6.3 | 12.0 | 140.3 | 531.3 | 648.3 | 1 194.1 | 32.2 | 14.5 | 540.2 |
| | Minnesota | 106 | 52 | 6.6 | 136.2 | 4.0 | 8.0 | 76.1 | 259.7 | 314.8 | 589.5 | 12.6 | 7.7 | 221.0 |
| | Mississippi | 29 | 17 | 3.3 | 57.5 | 1.8 | 3.2 | 27.8 | 116.0 | 111.6 | 236.4 | 11.8 | 2.7 | 76.0 |
| | Missouri | 48 | 27 | 3.1 | 64.9 | 1.7 | 3.3 | 29.9 | 114.1 | 147.0 | 271.5 | 8.3 | 2.9 | 90.2 |
| | Nebraska | 20 | 10 | .7 | 12.1 | .4 | .7 | 6.0 | 27.5 | 21.6 | 48.7 | .4 | .7 | 16.1 |
| | New Hampshire | 6 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | New Jersey | 78 | 34 | 4.3 | 92.8 | 2.5 | 4.8 | 43.8 | 179.2 | 196.8 | 390.1 | 14.4 | 4.5 | 155.2 |
| | New Mexico | 23 | 6 | .5 | 8.8 | .3 | .6 | 5.8 | 19.6 | 18.2 | 36.2 | .9 | .4 | 10.7 |
| | New York | 114 | 53 | 6.3 | 118.6 | 3.9 | 7.8 | 63.2 | 201.4 | 212.5 | 422.9 | 11.7 | 6.9 | 163.1 |
| | North Carolina | 46 | 27 | 2.7 | 43.8 | 1.7 | 2.8 | 23.8 | 92.9 | 108.6 | 208.8 | 7.9 | 1.7 | 54.8 |
| | North Dakota | 14 | 3 | .7 | 17.2 | .4 | .7 | 6.2 | 30.8 | 43.0 | 76.5 | 1.9 | CC | (D) |
| | Ohio | 245 | 139 | 23.1 | 537.0 | 13.4 | 25.3 | 278.7 | 925.3 | 1 102.4 | 2 063.6 | 55.9 | 32.0 | 1 039.6 |
| | Oklahoma | 189 | 91 | 15.2 | 318.5 | 9.3 | 17.6 | 183.0 | 652.6 | 807.8 | 1 476.8 | 93.2 | 11.1 | 383.6 |
| | Oregon | 62 | 22 | 2.9 | 62.1 | 1.5 | 2.6 | 28.7 | 105.6 | 132.1 | 244.8 | 10.6 | 3.7 | 124.6 |
| | Pennsylvania | 185 | 101 | 20.4 | 431.6 | 12.0 | 20.6 | 231.6 | 852.6 | 803.7 | 1 736.8 | 51.1 | 23.3 | 733.4 |
| | South Carolina | 21 | 15 | 2.8 | 48.5 | 1.8 | 2.6 | 24.1 | 72.8 | 110.0 | 188.5 | 5.9 | 2.8 | 79.9 |
| | South Dakota | 15 | 10 | .9 | 15.2 | .6 | 1.1 | 9.2 | 30.2 | 42.0 | 73.0 | .4 | .6 | 16.3 |
| | Tennessee | 47 | 29 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.3 | 61.6 |
| | Texas | 706 | 349 | 73.3 | 1 729.2 | 44.8 | 91.0 | 966.1 | 4 823.8 | 3 638.6 | 8 196.2 | 660.2 | 49.0 | 1 870.9 |
| | Utah | 29 | 12 | 2.1 | 44.7 | 1.4 | 2.7 | 25.1 | 118.0 | 93.8 | 216.0 | 5.9 | 2.3 | 72.3 |
| | Virginia | 81 | 36 | 5.1 | 91.0 | 3.2 | 6.2 | 51.1 | 171.4 | 249.3 | 430.0 | 10.6 | 5.3 | 155.2 |
| | Washington | 67 | 26 | 3.6 | 90.4 | 1.9 | 3.6 | 45.0 | 153.3 | 195.3 | 358.9 | 12.0 | 3.3 | 110.2 |
| | West Virginia | 74 | 32 | 2.6 | 49.3 | 1.7 | 3.1 | 30.4 | 78.9 | 93.0 | 190.2 | 5.6 | 3.7 | 119.5 |
| | Wisconsin | 114 | 65 | 13.7 | 324.1 | 8.5 | 15.9 | 188.3 | 805.8 | 617.2 | 1 452.1 | 22.6 | 19.2 | 783.0 |
| | Wyoming | 22 | 11 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .2 | 4.5 |
| 354 | Metalworking machinery | 10 981 | 2 642 | 283.2 | 6 086.4 | 197.3 | 382.7 | 3 862.5 | 11 285.3 | 6 326.9 | 18 149.6 | 713.2 | 297.8 | 8 746.7 |
| | Alabama | 66 | 16 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .7 | 17.3 |
| | Arizona | 76 | 16 | 1.7 | 38.9 | 1.4 | 2.8 | 29.8 | 39.5 | 51.2 | 113.9 | 8.6 | 1.4 | 30.1 |
| | Arkansas | 75 | 14 | 2.6 | 40.0 | 2.0 | 3.8 | 26.5 | 106.6 | 84.6 | 195.6 | 7.5 | 2.0 | 63.9 |
| | California | 1 041 | 169 | 13.6 | 278.2 | 9.8 | 19.2 | 185.2 | 494.2 | 278.9 | 792.7 | 28.0 | 13.5 | 392.9 |
| | Colorado | 62 | 11 | .9 | 18.6 | .6 | 1.1 | 12.3 | 31.7 | 22.3 | 54.7 | 1.7 | 1.2 | 27.9 |
| | Connecticut | 480 | 101 | 12.2 | 262.2 | 8.1 | 15.5 | 150.2 | 420.4 | 236.7 | 683.0 | 23.0 | 13.3 | 366.7 |
| | Florida | 238 | 38 | 3.2 | 52.2 | 2.4 | 4.7 | 34.6 | 92.0 | 47.5 | 141.5 | 13.4 | 2.2 | 51.1 |
| | Georgia | 87 | 17 | 1.9 | 31.1 | 1.5 | 2.5 | 20.6 | 64.7 | 43.7 | 108.3 | 4.9 | 1.9 | 48.4 |
| | Illinois | 1 066 | 252 | 27.3 | 617.5 | 18.5 | 36.5 | 385.3 | 1 108.3 | 630.0 | 1 791.4 | 63.9 | 32.7 | 918.7 |
| | Indiana | 457 | 125 | 9.8 | 206.3 | 7.1 | 14.1 | 135.7 | 314.2 | 172.2 | 495.1 | 20.1 | 10.3 | 278.7 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|------------------------------------|---------------------------------|---|--------------------------------|---------------------------------|--------------------|---------------------|-------------------------------|--|---|--|---|--|---|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expendi- tures (million dollars) | All em- ployees ² (1,000) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 35 | Machinery, except electrical—Con. | | | | | | | | | | | | | |
| 354 | Metalworking machinery—Con. | | | | | | | | | | | | | |
| | Iowa | 77 | 22 | 1.8 | 36.9 | 1.2 | 2.3 | 22.1 | 58.0 | 31.3 | 90.4 | 2.1 | 2.3 | 56.3 |
| | Kansas | 55 | 10 | 1.0 | 20.4 | .8 | 1.5 | 14.2 | 37.0 | 22.9 | 61.4 | 2.3 | .7 | 15.1 |
| | Kentucky | 91 | 15 | 1.2 | 19.8 | .9 | 1.9 | 15.2 | 31.1 | 16.3 | 49.0 | 9.1 | EE | (D) |
| | Louisiana | 16 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Maine | 28 | 10 | .9 | 15.0 | .7 | 1.3 | 10.3 | 28.6 | 17.2 | 45.4 | 2.6 | .7 | 20.4 |
| | Maryland | 32 | 7 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Massachusetts | 400 | 110 | 14.1 | 281.6 | 9.7 | 19.2 | 174.1 | 509.5 | 263.7 | 772.8 | 31.0 | 14.0 | 377.8 |
| | Michigan | 1 940 | 589 | 48.6 | 1 250.0 | 35.3 | 71.4 | 835.7 | 2 223.2 | 1 237.4 | 3 666.3 | 115.5 | 54.4 | 1 802.2 |
| | Minnesota | 223 | 42 | 4.2 | 85.8 | 2.9 | 5.8 | 55.9 | 160.2 | 79.7 | 239.4 | 10.3 | 4.1 | 114.8 |
| | Mississippi | 38 | 13 | 1.1 | 18.0 | .9 | 1.6 | 12.3 | 53.2 | 31.1 | 84.1 | (D) | .4 | 8.4 |
| | Missouri | 198 | 34 | 4.1 | 84.4 | 2.7 | 5.5 | 51.0 | 140.5 | 71.3 | 214.0 | 9.8 | 4.7 | 118.6 |
| | Nebraska | 26 | 7 | .5 | 8.5 | .4 | .7 | 5.2 | 15.9 | 10.1 | 26.4 | (D) | .3 | 7.3 |
| | New Hampshire | 59 | 15 | 2.1 | 43.8 | 1.3 | 2.1 | 24.1 | 90.7 | 38.6 | 139.2 | 5.5 | 1.8 | 56.2 |
| | New Jersey | 470 | 88 | 6.8 | 138.3 | 5.1 | 10.1 | 94.6 | 250.8 | 133.4 | 394.8 | 16.6 | 8.1 | 200.7 |
| | New York | 632 | 132 | 17.5 | 356.5 | 12.0 | 22.6 | 224.2 | 607.8 | 306.5 | 926.1 | 41.8 | 18.6 | 533.2 |
| | North Carolina | 106 | 30 | 5.6 | 89.7 | 4.0 | 6.5 | 54.9 | 231.8 | 225.2 | 479.1 | 27.7 | 3.5 | 125.8 |
| | Ohio | 1 141 | 329 | 43.2 | 948.8 | 28.5 | 54.2 | 574.9 | 1 728.8 | 952.5 | 2 767.7 | 107.9 | 47.9 | 1 423.7 |
| | Oregon | 65 | 8 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .4 | 11.7 |
| | Pennsylvania | 561 | 160 | 17.7 | 381.1 | 12.4 | 24.2 | 244.1 | 711.7 | 382.9 | 1 115.0 | 42.7 | 19.2 | 574.2 |
| | Rhode Island | 96 | 19 | 3.8 | 72.8 | 2.3 | 4.5 | 40.0 | 148.0 | 56.3 | 191.7 | (D) | 4.4 | 110.0 |
| | South Carolina | 76 | 27 | 4.3 | 69.8 | 3.1 | 5.9 | 41.0 | 204.2 | 122.2 | 327.0 | 10.7 | 4.9 | 139.1 |
| | South Dakota | 8 | 6 | .5 | 8.9 | .3 | .5 | 4.7 | 22.3 | 9.4 | 31.2 | (D) | .3 | 8.8 |
| | Tennessee | 152 | 30 | 3.5 | 60.4 | 2.5 | 4.7 | 38.9 | 143.1 | 65.2 | 201.8 | 11.1 | 2.8 | 69.8 |
| | Texas | 234 | 55 | 4.9 | 92.7 | 3.4 | 6.6 | 57.9 | 186.1 | 108.3 | 294.3 | 14.2 | 3.7 | 99.6 |
| | Vermont | 25 | 11 | 3.4 | 66.3 | 2.3 | 4.3 | 42.2 | 119.7 | 60.7 | 194.0 | (D) | 3.8 | 111.2 |
| | Virginia | 43 | 11 | 1.4 | 25.7 | 1.1 | 1.9 | 17.4 | 62.5 | 92.2 | 165.7 | 8.6 | .8 | 11.9 |
| | Washington | 59 | 5 | .5 | 13.2 | .4 | .8 | 10.1 | 21.0 | 10.5 | 31.9 | 1.0 | CC | (D) |
| | Wisconsin | 368 | 86 | 11.3 | 248.1 | 7.5 | 14.3 | 146.6 | 542.1 | 259.7 | 818.9 | 29.4 | 10.3 | 315.3 |
| 355 | Special industry machinery | 4 226 | 1 641 | 182.5 | 3 748.1 | 108.4 | 210.5 | 1 953.5 | 7 415.4 | 5 571.8 | 13 127.8 | 392.5 | 185.0 | 5 271.4 |
| | Alabama | 41 | 13 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.2 | 31.4 |
| | Arizona | 28 | 8 | .7 | 13.9 | .4 | .7 | 5.8 | 26.8 | 20.0 | 47.2 | 1.8 | .3 | 6.5 |
| | Arkansas | 19 | 10 | .9 | 16.2 | .7 | 1.4 | 11.2 | 32.8 | 44.8 | 64.4 | (D) | .7 | 21.7 |
| | California | 479 | 167 | 16.2 | 358.2 | 9.0 | 17.0 | 167.6 | 670.6 | 478.1 | 1 152.7 | 44.5 | 10.9 | 339.9 |
| | Connecticut | 103 | 40 | 6.2 | 131.5 | 3.5 | 7.1 | 64.1 | 290.9 | 201.1 | 501.5 | 13.6 | 5.4 | 161.9 |
| | Delaware | 10 | 2 | .6 | 12.1 | .3 | .6 | 6.8 | 16.4 | 11.4 | 27.8 | (D) | CC | (D) |
| | Florida | 113 | 29 | 3.0 | 55.9 | 1.7 | 3.4 | 27.6 | 108.2 | 78.0 | 186.4 | 5.4 | 2.6 | 70.8 |
| | Georgia | 118 | 46 | 4.3 | 73.8 | 2.6 | 5.1 | 37.7 | 167.7 | 103.4 | 273.0 | 5.0 | 4.0 | 74.4 |
| | Illinois | 276 | 109 | 10.3 | 224.9 | 6.1 | 12.2 | 120.8 | 444.6 | 302.0 | 758.0 | 24.8 | 12.5 | 388.2 |
| | Indiana | 99 | 35 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 4.0 | 133.7 |
| | Iowa | 34 | 15 | 2.3 | 53.9 | 1.4 | 2.6 | 31.4 | 164.3 | 93.5 | 264.1 | 4.3 | 2.4 | 83.7 |
| | Kansas | 41 | 18 | 2.0 | 41.4 | 1.2 | 2.3 | 21.1 | 95.7 | 60.0 | 160.6 | 4.6 | 2.1 | 66.3 |
| | Kentucky | 37 | 18 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Louisiana | 17 | 5 | .8 | 14.1 | .5 | 1.2 | 9.0 | 27.6 | 23.2 | 49.9 | 1.0 | .9 | 15.3 |
| | Maryland | 32 | 13 | 2.2 | 48.2 | 1.2 | 2.2 | 24.5 | 85.4 | 54.9 | 145.1 | 3.9 | 3.3 | 101.4 |
| | Massachusetts | 229 | 109 | 15.1 | 308.1 | 8.2 | 18.1 | 147.9 | 526.8 | 486.9 | 1 024.6 | 36.5 | 15.5 | 449.2 |
| | Michigan | 187 | 66 | 6.6 | 154.7 | 4.0 | 7.8 | 82.4 | 275.2 | 207.5 | 490.9 | 13.0 | 6.7 | 203.3 |
| | Minnesota | 69 | 26 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.4 | 66.3 |
| | Mississippi | 7 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Missouri | 69 | 27 | 2.6 | 52.6 | 1.5 | 2.8 | 26.2 | 97.7 | 85.3 | 185.3 | 4.3 | 1.9 | 60.6 |
| | New Hampshire | 39 | 24 | 3.0 | 64.0 | 1.7 | 3.5 | 34.4 | 124.3 | 108.8 | 243.1 | 6.0 | 3.1 | 77.5 |
| | New Jersey | 276 | 105 | 10.9 | 230.1 | 6.0 | 11.8 | 114.4 | 428.8 | 286.8 | 737.0 | 27.1 | 11.1 | 324.0 |
| | New York | 324 | 113 | 12.6 | 263.1 | 8.0 | 14.8 | 154.7 | 596.5 | 357.2 | 961.0 | 40.3 | 12.9 | 403.0 |
| | North Carolina | 201 | 79 | 6.9 | 109.4 | 4.6 | 8.6 | 61.8 | 276.8 | 183.2 | 455.3 | 11.6 | 7.4 | 149.6 |
| | Ohio | 258 | 128 | 16.5 | 343.9 | 9.8 | 18.1 | 179.8 | 642.0 | 529.9 | 1 204.0 | 27.3 | 19.4 | 554.3 |
| | Oklahoma | 40 | 18 | 2.6 | 54.3 | 1.3 | 2.5 | 22.8 | 118.2 | 79.0 | 196.2 | 3.5 | 1.9 | 71.1 |
| | Oregon | 81 | 30 | 1.7 | 34.1 | .9 | 1.8 | 16.5 | 54.6 | 48.3 | 102.0 | 2.8 | 2.3 | 70.4 |
| | Pennsylvania | 222 | 93 | 10.7 | 221.7 | 6.5 | 13.0 | 117.4 | 465.4 | 345.4 | 806.2 | 23.0 | 11.9 | 313.8 |
| | Rhode Island | 48 | 13 | 1.5 | 30.4 | .9 | 1.5 | 13.0 | 50.5 | 38.0 | 84.1 | (D) | 2.0 | 51.5 |
| | South Carolina | 104 | 49 | 6.8 | 108.4 | 4.6 | 8.5 | 65.1 | 202.4 | 139.5 | 343.6 | 17.5 | 7.3 | 139.2 |
| | Tennessee | 55 | 22 | 2.5 | 44.1 | 1.7 | 3.2 | 26.8 | 90.7 | 104.2 | 194.9 | (D) | 3.1 | 79.2 |
| | Texas | 172 | 55 | 5.2 | 99.3 | 3.2 | 6.3 | 50.1 | 191.6 | 192.4 | 392.7 | 10.9 | 4.7 | 149.3 |
| | Virginia | 35 | 18 | 1.4 | 27.3 | .9 | 1.5 | 14.4 | 53.1 | 39.9 | 93.7 | 3.1 | 1.9 | 36.3 |
| | Washington | 80 | 23 | 2.6 | 59.7 | 1.5 | 3.0 | 33.8 | 107.4 | 75.6 | 184.3 | 3.0 | 2.6 | 70.3 |
| | Wisconsin | 165 | 82 | 11.5 | 259.5 | 6.6 | 13.0 | 132.2 | 498.1 | 436.3 | 940.0 | 13.5 | 11.3 | 347.1 |
| 356 | General industrial machinery | 4 981 | 2 039 | 313.6 | 6 492.9 | 197.3 | 375.6 | 3 642.4 | 13 587.4 | 10 383.3 | 24 458.8 | 903.6 | 313.5 | 9 672.6 |
| | Alabama | 47 | 18 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.5 | 37.5 |
| | Arkansas | 19 | 9 | 1.4 | 22.7 | 1.0 | 1.8 | 13.1 | 57.7 | 49.7 | 114.7 | 7.8 | 1.4 | 44.7 |
| | California | 569 | 188 | 22.4 | 473.6 | 13.5 | 26.8 | 241.6 | 1 066.3 | 818.1 | 1 917.6 | 58.7 | 21.3 | 662.9 |
| | Colorado | 42 | 11 | 1.3 | 27.8 | .8 | 1.5 | 14.2 | 69.3 | 35.0 | 105.7 | 2.1 | 1.3 | 50.2 |
| | Connecticut | 132 | 56 | 14.8 | 298.9 | 9.8 | 19.6 | 187.4 | 489.2 | 337.0 | 872.2 | 35.3 | 18.0 | 516.0 |
| | Florida | 122 | 43 | 4.1 | 70.5 | 2.6 | 5.3 | 37.7 | 186.7 | 99.4 | 291.3 | 13.8 | 2.2 | 48.3 |
| | Georgia | 72 | 31 | 4.2 | 68.9 | 3.0 | 5.5 | 42.4 | 177.0 | 122.0 | 302.6 | 21.7 | 2.6 | 74.6 |
| | Illinois | 389 | 169 | 26.0 | 534.4 | 16.9 | 30.9 | 306.0 | 1 178.4 | 866.9 | 2 108.8 | 73.6 | 28.8 | 895.4 |
| | Indiana | 156 | 73 | 15.7 | 325.3 | 10.5 | 19.1 | 195.0 | 703.2 | 499.3 | 1 232.3 | 59.0 | 20.4 | 591.4 |
| | Iowa | 53 | 19 | 3.5 | 68.9 | 2.1 | 3.7 | 39.0 | 181.1 | 98.5 | 283.6 | 8.1 | 3.5 | 108.9 |
| | Kansas | 64 | 23 | 5.0 | 88.2 | 3.1 | 5.6 | 53.3 | 168.9 | 150.3 | 337.0 | 14.7 | 5.0 | 128.3 |
| | Kentucky | 36 | 27 | 4.4 | 80.2 | 2.7 | 5.1 | 45.8 | 196.0 | 204.6 | 404.5 | (D) | 4.1 | 131.6 |
| | Louisiana | 39 | 12 | 1.1 | 22.4 | .7 | 1.2 | 12.3 | 44.5 | 41.8 | 89.2 | 3.4 | .9 | 24.0 |
| | Maine | 9 | 4 | .5 | 10.3 | .3 | .6 | 6.2 | 22.1 | 15.8 | 38.1 | 1.9 | CC | (D) |
| | Maryland | 29 | 14 | 2.3 | 49.7 | 1.4 | 2.5 | 27.3 | 114.6 | 94.1 | 211.3 | (D) | 1.5 | 63.8 |
| | Massachusetts | 150 | 62 | 10.8 | 242.8 | 6.4 | 12.4 | 121.2 | 451.4 | 276.5 | 745.5 | 28.9 | 9.7 | 298.2 |
| | Michigan | 392 | 150 | 16.0 | 362.9 | 10.1 | 19.3 | 210.4 | 721.8 | 502.3 | 1 245.0 | 32.1 | 18.3 | 643. |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|---|---------------------------------|---|--------------------------------|------------------------------|--------------------|---------------------|----------------------------|---|---|--|---|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | |
| 35 | Machinery, except electrical—Con. | | | | | | | | | | | | |
| 356 | General industrial machinery—Con. | | | | | | | | | | | | |
| | Nebraska | 20 | 11 | 1.6 | 31.3 | 1.1 | 2.1 | 18.9 | 77.1 | 50.2 | 133.2 | 5.7 | 1.9 |
| | New Hampshire | 27 | 19 | 4.3 | 80.9 | 3.0 | 7.5 | 48.1 | 192.3 | 86.9 | 279.0 | 10.1 | 3.2 |
| | New Jersey | 246 | 101 | 13.4 | 285.1 | 8.1 | 15.8 | 152.1 | 568.8 | 517.6 | 1 120.2 | 20.6 | 14.4 |
| | New York | 280 | 117 | 23.9 | 500.6 | 14.0 | 25.8 | 261.7 | 1 051.0 | 781.1 | 1 837.0 | 57.2 | 23.4 |
| | North Carolina | 93 | 48 | 6.7 | 110.9 | 4.4 | 8.4 | 59.0 | 254.0 | 248.4 | 506.9 | (D) | 4.6 |
| | Ohio | 425 | 178 | 32.7 | 742.6 | 20.4 | 37.9 | 419.8 | 1 382.7 | 1 186.1 | 2 633.5 | 67.6 | 40.3 |
| | Oklahoma | 109 | 55 | 8.3 | 169.8 | 5.3 | 9.7 | 96.5 | 330.8 | 327.2 | 660.4 | 20.0 | 4.3 |
| | Oregon | 52 | 12 | 1.9 | 44.7 | 1.1 | 1.8 | 20.0 | 62.7 | 47.6 | 114.4 | 4.7 | 2.3 |
| | Pennsylvania | 323 | 142 | 25.5 | 552.9 | 16.2 | 32.1 | 313.1 | 1 181.7 | 800.3 | 2 022.2 | 79.5 | 27.8 |
| | Rhode Island | 23 | 8 | .7 | 13.4 | .4 | .8 | 7.0 | 28.4 | 27.3 | 56.2 | (D) | .8 |
| | South Carolina | 41 | 24 | 5.6 | 91.1 | 4.1 | 7.2 | 58.3 | 226.8 | 176.7 | 409.6 | 34.1 | 4.8 |
| | Tennessee | 71 | 35 | 4.4 | 72.4 | 3.0 | 5.7 | 44.9 | 197.2 | 139.2 | 338.8 | 11.9 | 3.9 |
| | Texas | 346 | 151 | 16.9 | 349.1 | 10.4 | 20.4 | 195.6 | 722.8 | 826.0 | 1 554.7 | 95.6 | 9.0 |
| | Utah | 22 | 5 | 1.4 | 29.8 | .6 | 1.2 | 10.4 | 74.9 | 43.6 | 118.4 | 2.2 | 1.9 |
| | Virginia | 31 | 9 | 1.4 | 27.5 | .9 | 1.8 | 16.3 | 63.6 | 53.1 | 117.6 | 8.8 | 1.5 |
| | Washington | 47 | 14 | 1.0 | 22.7 | .7 | 1.3 | 13.4 | 44.6 | 26.7 | 71.9 | (D) | .8 |
| | West Virginia | 15 | 8 | .5 | 10.0 | .3 | .7 | 5.8 | 17.5 | 10.4 | 27.6 | 1.1 | .3 |
| | Wisconsin | 208 | 82 | 13.2 | 286.2 | 7.9 | 14.2 | 160.1 | 591.5 | 347.8 | 974.4 | 34.8 | 14.5 |
| 357 | Office and computing machines | 2 169 | 1 073 | 404.0 | 9 436.9 | 173.5 | 336.6 | 2 881.5 | 23 386.0 | 19 952.4 | 43 027.5 | 2 648.3 | 259.3 |
| | Alabama | 9 | 5 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | Arizona | 33 | 21 | 15.5 | 395.0 | 4.0 | 8.0 | 67.4 | 852.8 | 1 153.3 | 1 915.5 | (D) | 7.6 |
| | California | 719 | 374 | 112.7 | 2 693.9 | 46.7 | 91.9 | 804.0 | 5 971.5 | 4 708.6 | 10 557.5 | 820.6 | 63.4 |
| | Colorado | 53 | 23 | 17.3 | 419.0 | 7.9 | 16.9 | 144.2 | 883.1 | 737.6 | 1 551.2 | 159.1 | 3.9 |
| | Connecticut | 49 | 24 | 8.8 | 204.8 | 3.1 | 5.8 | 50.1 | 407.3 | 231.5 | 625.6 | 37.2 | 8.5 |
| | Florida | 61 | 32 | 12.7 | 324.8 | 4.7 | 9.8 | 69.7 | 1 066.9 | 880.4 | 1 901.7 | 109.8 | 6.8 |
| | Georgia | 36 | 13 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .3 |
| | Idaho | 8 | 4 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | Illinois | 69 | 33 | 7.8 | 166.6 | 3.6 | 6.9 | 58.8 | 330.5 | 269.8 | 603.7 | 23.2 | FF |
| | Indiana | 18 | 8 | .7 | 10.4 | .5 | 1.0 | 5.7 | 25.4 | 12.0 | 37.3 | (D) | BB |
| | Iowa | 8 | 4 | .6 | 10.0 | .2 | .3 | 3.9 | 17.2 | 8.0 | 23.4 | .8 | BB |
| | Kansas | 13 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Kentucky | 6 | 8 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF |
| | Maine | 5 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB |
| | Maryland | 32 | 17 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Massachusetts | 158 | 92 | 36.6 | 898.1 | 16.3 | 32.1 | 246.3 | 2 894.2 | 1 760.3 | 4 637.6 | 207.6 | FF |
| | Michigan | 49 | 20 | 3.8 | 92.8 | 1.5 | 2.9 | 34.0 | 135.6 | 130.0 | 289.6 | 11.1 | 6.8 |
| | Minnesota | 84 | 53 | 33.6 | 794.1 | 13.3 | 25.2 | 248.6 | 2 087.7 | 1 512.8 | 3 622.4 | 199.4 | 23.6 |
| | Missouri | 20 | 7 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .6 |
| | Nebraska | 6 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | New Hampshire | 31 | 23 | 7.1 | 131.4 | 3.3 | 6.1 | 46.6 | 550.1 | 642.2 | 1 194.3 | 26.6 | FF |
| | New Jersey | 86 | 37 | 7.5 | 147.5 | 3.9 | 7.4 | 62.2 | 406.3 | 276.3 | 690.1 | 23.8 | FF |
| | New Mexico | 3 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) |
| | New York | 134 | 68 | 31.2 | 785.7 | 15.4 | 29.1 | 250.4 | 1 215.0 | 2 458.7 | 3 721.1 | 215.6 | 23.3 |
| | North Carolina | 26 | 12 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF |
| | Ohio | 58 | 24 | 5.7 | 109.3 | 2.8 | 4.9 | 38.8 | 297.4 | 268.3 | 560.9 | 12.1 | 7.3 |
| | Oklahoma | 23 | 8 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF |
| | Oregon | 29 | 5 | 6.4 | 140.4 | 3.0 | 5.3 | 59.5 | 386.9 | 196.8 | 557.6 | 29.7 | EE |
| | Pennsylvania | 54 | 31 | 9.9 | 174.9 | 4.1 | 8.0 | 56.3 | 380.4 | 225.7 | 588.4 | 42.5 | 8.0 |
| | Rhode Island | 7 | 4 | .6 | 9.3 | .5 | 1.0 | 5.2 | 16.1 | 29.5 | 49.1 | (D) | CC |
| | South Carolina | 8 | 6 | 2.1 | 39.2 | .9 | 1.7 | 12.0 | 48.3 | 77.8 | 139.5 | 9.6 | 1.3 |
| | South Dakota | 2 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| | Tennessee | 12 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | Texas | 105 | 44 | 28.3 | 667.3 | 9.7 | 18.2 | 148.3 | 1 844.7 | 1 384.0 | 3 246.3 | 331.3 | 16.3 |
| | Utah | 28 | 11 | 4.8 | 105.2 | 2.4 | 5.3 | 43.6 | 355.9 | 156.6 | 505.2 | 32.0 | FF |
| | Vermont | 6 | 5 | 1.5 | 27.6 | 1.0 | 1.4 | 15.9 | 122.5 | 27.5 | 147.3 | 3.6 | CC |
| | Virginia | 29 | 10 | 3.1 | 65.9 | 2.0 | 3.5 | 34.6 | 139.1 | 67.2 | 205.5 | 7.6 | EE |
| | Washington | 46 | 15 | 4.6 | 76.6 | 2.8 | 5.3 | 35.6 | 190.5 | 114.1 | 299.0 | 13.5 | 1.3 |
| | Wisconsin | 17 | 8 | 2.1 | 38.2 | 1.4 | 2.6 | 22.8 | 148.5 | 99.6 | 248.2 | 6.1 | 1.4 |
| 358 | Refrigeration and service machinery | 1 937 | 899 | 171.7 | 3 343.6 | 116.4 | 218.9 | 2 024.3 | 8 120.7 | 8 140.6 | 16 449.9 | 414.7 | 191.5 |
| | Alabama | 24 | 17 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.0 |
| | Arizona | 29 | 12 | 2.0 | 32.1 | 1.2 | 2.5 | 16.8 | 69.7 | 62.6 | 140.0 | (D) | 1.4 |
| | Arkansas | 25 | 12 | 2.8 | 45.6 | 2.1 | 3.8 | 30.1 | 100.9 | 126.5 | 231.7 | 4.0 | 4.2 |
| | California | 255 | 94 | 8.9 | 169.7 | 5.9 | 11.2 | 98.8 | 433.9 | 386.2 | 831.3 | 16.8 | 9.4 |
| | Colorado | 27 | 9 | .7 | 12.6 | .4 | .8 | 6.7 | 26.0 | 28.8 | 55.1 | (D) | .5 |
| | Connecticut | 26 | 15 | 1.5 | 28.0 | .8 | 1.8 | 15.3 | 56.6 | 53.0 | 109.7 | 2.0 | 1.6 |
| | Florida | 93 | 26 | 2.2 | 33.8 | 1.5 | 3.0 | 19.9 | 72.8 | 83.5 | 157.2 | 5.8 | 1.4 |
| | Georgia | 27 | 18 | 2.9 | 48.0 | 2.1 | 4.4 | 31.5 | 125.1 | 133.8 | 264.1 | 6.8 | 1.3 |
| | Illinois | 146 | 77 | 11.1 | 213.8 | 7.2 | 13.6 | 120.2 | 474.8 | 503.6 | 990.6 | 16.9 | 13.6 |
| | Indiana | 48 | 21 | 5.9 | 118.9 | 4.1 | 7.2 | 75.6 | 288.4 | 339.7 | 637.5 | 18.1 | 7.0 |
| | Iowa | 20 | 12 | 2.2 | 40.8 | 1.4 | 2.6 | 23.8 | 94.7 | 80.3 | 175.0 | 1.4 | 2.7 |
| | Kansas | 18 | 12 | 2.4 | 43.9 | 1.9 | 3.8 | 34.6 | 141.5 | 126.9 | 270.7 | 7.3 | FF |
| | Kentucky | 22 | 16 | 7.4 | 141.1 | 5.8 | 10.1 | 101.2 | 323.5 | 384.3 | 716.2 | 28.5 | 9.1 |
| | Louisiana | 10 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .9 |
| | Maryland | 16 | 10 | 2.3 | 44.1 | 1.6 | 3.0 | 27.4 | 89.6 | 100.9 | 189.9 | 5.4 | 2.3 |
| | Massachusetts | 43 | 26 | 2.4 | 45.1 | 1.4 | 2.7 | 24.8 | 103.1 | 71.3 | 180.1 | 3.8 | 2.7 |
| | Michigan | 82 | 36 | 7.7 | 158.7 | 5.1 | 9.7 | 93.2 | 281.3 | 449.6 | 732.8 | 20.7 | 9.9 |
| | Minnesota | 55 | 27 | 6.6 | 142.9 | 3.5 | 6.7 | 67.2 | 249.9 | 281.1 | 533.8 | 11.2 | 7.7 |
| | Mississippi | 11 | 7 | 1.9 | 31.4 | 1.6 | 3.2 | 25.1 | 64.3 | 98.3 | 161.6 | (D) | 2.1 |
| | Missouri | 60 | 30 | 6.4 | 105.9 | 4.0 | 7.6 | 58.7 | 221.8 | 220.3 | 446.8 | 10.0 | 7.9 |
| | New Jersey | 84 | 44 | 6.6 | 133.6 | 4.4 | 8.4 | 77.0 | 279.0 | 328.5 | 632.3 | 13.4 | 8.3 |
| | New York | 133 | 52 | 14.7 | 366.8 | 11.1 | 21.5 | 258.4 | 1 168.9 | 2 045.1 | 3 100.0 | 31.0 | 17.1 |
| | North Carolina | 40 | 21 | 4.0 | 73.1 | 2.7 | 5.2 | 39.8 | 155.1 | 132.5 | 292.1 | 10.9 | 1.9 |
| | Ohio | 110 | 51 | 16.5 | 371.7 | 11.5 | 22.2 | 243.0 | 779.1 | 850.2 | 1 643.7 | 46.0 | 24.1 |
| | Oklahoma | 23 | 11 | 1.3 | 21.9 | .9 | 1.8 | 12.9 | 97.9 | 53.4 | 144.4 | 4.7 | 1.5 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|--|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | |
| 35 | Machinery, except electrical—Con. | | | | | | | | | | | | |
| 358 | Refrigeration and service machinery—Con. | | | | | | | | | | | | |
| | Oregon | 24 | 8 | .7 | 13.6 | .4 | .8 | 8.1 | 30.8 | 32.4 | 62.5 | (D) | .6 26.2 |
| | Pennsylvania | 98 | 47 | 10.2 | 214.6 | 6.1 | 11.8 | 109.6 | 471.8 | 423.8 | 884.8 | 12.8 | 10.5 233.3 |
| | South Carolina | 12 | 5 | 1.1 | 17.5 | .9 | 1.8 | 11.2 | 62.5 | 48.1 | 103.5 | (D) | 1.1 26.0 |
| | Tennessee | 39 | 24 | 8.7 | 128.3 | 6.6 | 11.5 | 92.4 | 450.7 | 515.6 | 1 017.7 | 32.2 | 9.6 341.7 |
| | Texas | 150 | 75 | 11.8 | 193.9 | 8.2 | 14.2 | 111.1 | 687.6 | 574.2 | 1 279.4 | 33.8 | 13.6 405.1 |
| | Virginia | 23 | 15 | 2.7 | 45.1 | 1.8 | 3.0 | 25.0 | 74.6 | 121.9 | 199.0 | 6.1 | 2.4 40.9 |
| | Washington | 26 | 7 | .6 | 13.3 | .4 | .7 | 7.8 | 24.8 | 25.9 | 50.8 | 1.2 | .6 16.5 |
| | West Virginia | 6 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .5 14.5 |
| | Wisconsin | 67 | 37 | 8.5 | 174.1 | 4.4 | 8.9 | 80.9 | 330.4 | 328.7 | 670.0 | 25.5 | 7.8 228.6 |
| 359 | Miscellaneous machinery, except electrical | 22 247 | 3 193 | 282.1 | 5 235.4 | 220.9 | 436.4 | 3 693.7 | 9 806.1 | 4 616.2 | 14 496.7 | 766.6 | 222.7 5 362.4 |
| | Alabama | 281 | 42 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE (D) |
| | Arizona | 264 | 35 | 2.9 | 54.5 | 2.3 | 4.6 | 38.3 | 97.7 | 36.1 | 133.6 | (D) | EE (D) |
| | Arkansas | 127 | 12 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC (D) |
| | California | 3 944 | 449 | 40.6 | 793.5 | 31.2 | 62.7 | 542.4 | 1 569.0 | 617.4 | 2 188.4 | 107.2 | 28.4 688.9 |
| | Colorado | 296 | 38 | 3.0 | 50.2 | 2.4 | 4.7 | 37.2 | 88.2 | 41.6 | 131.0 | 5.3 | FF (D) |
| | Connecticut | 616 | 98 | 7.2 | 136.9 | 5.7 | 11.8 | 97.6 | 244.4 | 106.5 | 351.2 | (D) | FF (D) |
| | Florida | 504 | 59 | 4.4 | 65.2 | 3.5 | 6.8 | 46.8 | 121.0 | 52.4 | 173.9 | 9.0 | 2.9 61.7 |
| | Georgia | 312 | 37 | 3.2 | 48.6 | 2.6 | 5.1 | 34.4 | 90.1 | 48.6 | 136.9 | 20.7 | 1.8 41.7 |
| | Illinois | 1 188 | 220 | 17.7 | 339.4 | 13.1 | 26.0 | 226.0 | 598.9 | 293.1 | 901.7 | 37.6 | 16.0 399.7 |
| | Indiana | 464 | 85 | 8.1 | 153.1 | 6.4 | 12.2 | 110.8 | 246.3 | 134.0 | 376.3 | 16.8 | FF (D) |
| | Iowa | 142 | 17 | 1.9 | 30.4 | 1.3 | 2.3 | 19.3 | 54.8 | 39.2 | 95.8 | 3.2 | EE (D) |
| | Kansas | 247 | 27 | 2.4 | 40.1 | 1.9 | 3.6 | 28.6 | 75.5 | 38.2 | 116.6 | 5.6 | EE (D) |
| | Kentucky | 190 | 29 | 5.0 | 73.8 | 4.2 | 7.4 | 58.7 | 158.0 | 53.1 | 214.5 | 10.4 | 4.2 84.2 |
| | Louisiana | 334 | 57 | 5.0 | 99.1 | 4.1 | 8.3 | 71.6 | 183.4 | 77.1 | 262.2 | 10.7 | 2.5 63.3 |
| | Maine | 65 | 8 | .6 | 10.3 | .4 | .9 | 7.2 | 20.6 | 8.7 | 29.4 | (D) | .4 9.7 |
| | Maryland | 184 | 38 | 3.8 | 76.2 | 3.0 | 6.3 | 55.9 | 135.8 | 54.6 | 192.4 | 10.2 | 3.5 88.7 |
| | Massachusetts | 745 | 120 | 9.8 | 184.2 | 7.6 | 15.4 | 124.4 | 339.3 | 130.5 | 471.0 | (D) | FF (D) |
| | Michigan | 1 172 | 192 | 18.7 | 406.1 | 14.3 | 28.0 | 287.2 | 743.9 | 425.1 | 1 178.4 | 77.7 | 18.0 467.6 |
| | Minnesota | 451 | 90 | 7.1 | 137.9 | 5.6 | 11.1 | 97.5 | 256.0 | 113.5 | 372.4 | 23.2 | FF (D) |
| | Mississippi | 112 | 11 | 2.3 | 33.8 | *2.0 | 3.4 | 25.1 | 76.6 | 41.7 | 120.3 | 3.4 | 1.2 27.3 |
| | Missouri | 351 | 46 | 5.8 | 108.2 | 4.2 | 8.4 | 70.5 | 165.6 | 75.9 | 245.5 | 14.5 | FF (D) |
| | Nebraska | 95 | 12 | 1.5 | 29.7 | 1.2 | 2.5 | 23.7 | 67.1 | 43.6 | 112.6 | 5.3 | CC (D) |
| | Nevada | 46 | 5 | .5 | 8.9 | .4 | .9 | 6.9 | 16.3 | 10.1 | 26.8 | .8 | 2 4.4 |
| | New Hampshire | 140 | 17 | 1.4 | 21.4 | 1.2 | 2.3 | 15.5 | 38.4 | 15.4 | 53.8 | (D) | EE (D) |
| | New Jersey | 829 | 101 | 8.3 | 149.0 | 6.5 | 13.0 | 106.9 | 263.6 | 120.0 | 384.4 | 19.3 | FF (D) |
| | New Mexico | 99 | 14 | 1.0 | 15.7 | .7 | 1.5 | 11.4 | 32.9 | 11.8 | 44.9 | 2.6 | .7 14.0 |
| | New York | 1 096 | 157 | 19.1 | 400.4 | 14.6 | 29.4 | 275.6 | 795.5 | 397.1 | 1 228.2 | 57.2 | 15.4 444.7 |
| | North Carolina | 431 | 55 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.9 56.6 |
| | Ohio | 1 488 | 212 | 18.2 | 336.4 | 14.1 | 28.1 | 237.2 | 617.5 | 296.2 | 910.6 | 44.8 | 17.9 468.4 |
| | Oklahoma | 434 | 49 | 4.5 | 73.2 | 3.6 | 7.4 | 54.0 | 144.8 | 64.2 | 212.6 | (D) | EE (D) |
| | Oregon | 274 | 27 | 2.1 | 38.7 | 1.6 | 3.0 | 26.8 | 76.3 | 33.5 | 110.1 | 5.8 | 2.3 54.7 |
| | Pennsylvania | 1 043 | 217 | 16.5 | 284.2 | 13.3 | 25.7 | 205.3 | 531.2 | 276.1 | 807.3 | 38.8 | FF (D) |
| | Rhode Island | 113 | 15 | .9 | 14.1 | .7 | 1.4 | 10.0 | 25.2 | 9.7 | 35.0 | (D) | CC (D) |
| | South Carolina | 208 | 17 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .9 17.0 |
| | Tennessee | 272 | 41 | 4.0 | 64.9 | 3.2 | 6.1 | 48.3 | 143.3 | 66.1 | 212.4 | 9.0 | FF (D) |
| | Texas | 1 954 | 301 | 23.2 | 423.3 | 18.5 | 37.1 | 305.7 | 796.9 | 385.0 | 1 175.2 | 72.4 | 13.8 329.5 |
| | Utah | 123 | 15 | 1.5 | 26.6 | 1.2 | 2.5 | 21.1 | 58.5 | 22.5 | 73.7 | 3.3 | CC (D) |
| | Vermont | 30 | 7 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB (D) |
| | Virginia | 269 | 50 | 3.3 | 57.4 | 2.7 | 5.3 | 43.3 | 103.3 | 46.9 | 149.0 | 6.6 | EE (D) |
| | Washington | 379 | 39 | 3.2 | 64.8 | 2.5 | 4.7 | 47.3 | 115.0 | 45.5 | 165.0 | 9.0 | 3.4 88.2 |
| | West Virginia | 133 | 23 | 2.0 | 34.6 | 1.5 | 2.9 | 23.7 | 69.0 | 35.2 | 103.2 | 3.6 | EE (D) |
| | Wisconsin | 520 | 87 | 7.5 | 133.6 | 5.8 | 11.3 | 90.7 | 240.1 | 135.8 | 377.6 | 24.3 | 7.0 166.2 |
| 36 | Electric and electronic equipment | 16 453 | 7 834 | 1 914.5 | 38 413.6 | 1 198.2 | 2 268.5 | 19 281.0 | 84 605.4 | 63 259.1 | 147 943.6 | 7 542.4 | 1 723.1 50 365.7 |
| | Alabama | 130 | 63 | 18.5 | 277.7 | 13.9 | 28.0 | 176.2 | 728.2 | 659.4 | 1 339.0 | 61.4 | 14.7 342.1 |
| | Arizona | 225 | 89 | 36.6 | 798.9 | 19.5 | 35.8 | 305.9 | 1 332.5 | 619.4 | 1 945.8 | 218.9 | 24.1 548.2 |
| | Arkansas | 113 | 71 | 20.8 | 317.7 | 16.7 | 30.5 | 226.9 | 918.7 | 1 045.8 | 1 979.7 | 39.1 | 21.1 565.9 |
| | California | 3 553 | 1 562 | 331.8 | 7 304.8 | 182.7 | 351.2 | 3 094.4 | 15 757.5 | 9 578.0 | 25 323.9 | 1 781.8 | 228.8 6 807.7 |
| | Colorado | 214 | 81 | 17.4 | 333.6 | 10.8 | 20.3 | 159.5 | 676.1 | 709.6 | 1 365.1 | 90.2 | 8.8 220.4 |
| | Connecticut | 495 | 268 | 45.9 | 851.4 | 29.1 | 57.2 | 413.4 | 1 945.7 | 1 343.4 | 3 282.9 | 129.1 | 39.2 1 064.8 |
| | Delaware | 13 | 6 | .5 | 11.1 | .4 | .7 | 8.5 | 26.3 | 28.7 | 55.2 | (D) | .5 15.5 |
| | Florida | 622 | 252 | 67.3 | 1 319.8 | 37.8 | 74.4 | 534.3 | 2 707.3 | 1 538.0 | 4 252.1 | 297.1 | 41.9 1 205.8 |
| | Georgia | 195 | 100 | 22.7 | 417.8 | 15.8 | 29.5 | 245.0 | 977.0 | 1 166.5 | 2 161.1 | 58.2 | 15.8 538.7 |
| | Idaho | 17 | 5 | 1.4 | 27.6 | .8 | 1.5 | 9.4 | 73.3 | 16.7 | 88.7 | (D) | CC (D) |
| | Illinois | 1 039 | 562 | 130.1 | 2 467.9 | 84.5 | 158.2 | 1 312.5 | 5 244.4 | 4 853.4 | 10 255.9 | 313.3 | 155.3 4 311.5 |
| | Indiana | 336 | 212 | 83.4 | 1 768.1 | 61.8 | 114.4 | 1 179.4 | 3 800.9 | 3 216.2 | 7 141.7 | 222.4 | 107.1 3 592.7 |
| | Iowa | 100 | 53 | 22.0 | 438.1 | 13.2 | 24.1 | 213.3 | 1 087.0 | 767.2 | 1 867.1 | 58.4 | 23.6 736.6 |
| | Kansas | 125 | 47 | 8.9 | 142.4 | 6.7 | 12.7 | 89.5 | 349.4 | 248.5 | 599.1 | 21.7 | 7.6 204.8 |
| | Kentucky | 119 | 67 | 24.5 | 437.7 | 19.3 | 33.4 | 324.8 | 1 107.9 | 1 097.7 | 2 219.6 | 108.8 | 31.5 1 103.8 |
| | Louisiana | 68 | 24 | 10.2 | 203.1 | 8.1 | 14.1 | 145.2 | 470.1 | 509.9 | 1 001.7 | 34.1 | 10.2 316.5 |
| | Maine | 50 | 32 | 7.1 | 102.4 | 5.2 | 10.2 | 65.2 | 281.7 | 154.9 | 422.8 | 40.5 | 5.7 118.1 |
| | Maryland | 198 | 92 | 42.1 | 1 040.5 | 21.8 | 37.0 | 404.3 | 1 929.2 | 1 192.0 | 3 036.5 | 155.9 | 32.2 953.7 |
| | Massachusetts | 722 | 377 | 95.7 | 1 925.8 | 62.9 | 122.9 | 1 040.0 | 4 162.1 | 2 727.3 | 6 917.7 | 273.5 | 77.9 2 156.0 |
| | Michigan | 493 | 206 | 27.7 | 526.9 | 19.2 | 37.2 | 315.8 | 1 111.5 | 1 177.6 | 2 294.7 | 100.8 | 33.9 1 059.4 |
| | Minnesota | 298 | 141 | 30.5 | 617.8 | 18.3 | 34.4 | 290.6 | 1 119.5 | 913.9 | 2 015.9 | 96.0 | 29.0 869.8 |
| | Mississippi | 83 | 59 | 17.5 | 242.8 | 14.0 | 26.5 | 174.2 | 665.1 | 687.1 | 1 364.0 | 30.8 | 18.3 460.4 |
| | Missouri | 224 | 117 | 37.4 | 682.6 | 25.6 | 46.9 | 392.1 | 1 679.2 | 1 558.3 | 3 258.5 | 144.7 | 37.1 982.2 |
| | Nebraska | 57 | 27 | 7.2 | 124.4 | 4.8 | 8.9 | 72.1 | 312.7 | 154.2 | 472.4 | 17.8 | 8.6 264.0 |
| | Nevada | 42 | 7 | 1.5 | 21.9 | 1.1 | 2.1 | 11.8 | 50.7 | 62.4 | 111.1 | 1.1 | 1.8 60.8 |
| | New Hampshire | 151 | 81 | 17.2 | 300.1 | 12.5 | 23.7 | 192.1 | 619.7 | 319.3 | 926.1 | 46.4 | 12.7 346.4 |
| | New Jersey | 918 | 457 | 80.9 | 1 661.8 | 52.9 | 100.4 | 917.7 | 3 260.7 | 2 168.6 | 5 416.0 | 176.9 | 77.6 1 929.6 |
| | New Mexico | 49 | 17 | 4.9 | 88.1 | 3.1 | 6.1 | 40.2 | 223.1 | 110.2 | 328.2 | 31.7 | 3.4 78.9 |
| | New York | 1 483 | 668 | 160.8 | 3 449.2 | 87.4 | 167.9 | 1 404.5 | 7 142.4 | 5 395.8 | 12 453.8 | 684.7 | 148.6 4 429.0 |
| | North Carolina | 258 | 141 | 55.9 | 1 002.2 | 36.6 | 68.2 | 524.8 | 2 547.3 | 2 626.5 | 5 061.2 | 341.6 | 40.1 1 351.3 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|---|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|------------------------------------|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All employees ² (1,000) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 36 | Electric and electronic equipment —Con. | | | | | | | | | | | | | |
| | North Dakota ----- | 6 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) | (NA) |
| | Ohio ----- | 683 | 360 | 86.6 | 1 793.2 | 60.0 | 110.2 | 1 092.7 | 4 611.1 | 3 379.4 | 7 955.1 | 216.1 | 110.0 | 3 654.0 |
| | Oklahoma ----- | 127 | 56 | 12.1 | 224.1 | 9.1 | 17.6 | 147.3 | 606.6 | 684.4 | 1 228.9 | 48.1 | 11.9 | 400.4 |
| | Oregon ----- | 187 | 60 | 9.7 | 187.9 | 5.1 | 9.6 | 72.9 | 576.6 | 206.0 | 772.7 | 35.4 | 4.7 | 144.8 |
| | Pennsylvania ----- | 771 | 412 | 94.5 | 1 826.3 | 65.0 | 124.0 | 1 086.9 | 4 095.0 | 2 872.1 | 7 063.8 | 369.9 | 103.9 | 2 920.2 |
| | Rhode Island ----- | 85 | 49 | 8.9 | 148.2 | 5.2 | 9.7 | 68.7 | 309.8 | 179.3 | 495.4 | 23.2 | 8.3 | 176.8 |
| | South Carolina ----- | 101 | 62 | 22.3 | 331.6 | 16.6 | 31.9 | 209.3 | 692.9 | 689.6 | 1 385.8 | 167.7 | 17.4 | 402.2 |
| | South Dakota ----- | 12 | 7 | 1.7 | 18.7 | 1.4 | 2.6 | 13.0 | 75.4 | 72.1 | 146.0 | 1.6 | .8 | 11.3 |
| | Tennessee ----- | 237 | 126 | 36.7 | 567.8 | 27.1 | 50.6 | 360.9 | 1 511.8 | 2 030.3 | 3 533.7 | 107.6 | 38.1 | 954.0 |
| | Texas ----- | 871 | 382 | 99.3 | 2 057.3 | 55.7 | 111.8 | 885.8 | 4 561.9 | 2 642.1 | 7 250.6 | 383.4 | 67.8 | 2 061.0 |
| | Utah ----- | 93 | 32 | 8.2 | 156.5 | 4.9 | 9.2 | 66.7 | 316.1 | 151.8 | 461.7 | 42.4 | 4.5 | 136.1 |
| | Vermont ----- | 43 | 14 | 11.0 | 269.3 | 4.1 | 6.7 | 58.7 | 654.7 | 308.3 | 961.6 | (D) | 7.3 | 217.6 |
| | Virginia ----- | 190 | 95 | 31.5 | 663.9 | 18.5 | 35.3 | 289.5 | 1 529.0 | 1 224.6 | 2 772.7 | 168.6 | 28.1 | 879.7 |
| | Washington ----- | 255 | 81 | 11.9 | 238.9 | 6.2 | 11.7 | 89.3 | 577.1 | 349.5 | 906.8 | 67.2 | 5.9 | 150.2 |
| | West Virginia ----- | 28 | 16 | 3.2 | 63.8 | 2.1 | 4.0 | 38.7 | 140.4 | 142.0 | 276.5 | 16.1 | 4.6 | 138.8 |
| | Wisconsin ----- | 330 | 193 | 47.3 | 940.7 | 29.7 | 53.4 | 503.4 | 1 997.3 | 1 636.7 | 3 684.2 | 109.9 | 51.1 | 1 446.4 |
| 361 | Electric distributing equipment ---- | 942 | 498 | 105.3 | 1 994.6 | 73.2 | 134.9 | 1 179.3 | 4 584.1 | 3 375.5 | 8 108.2 | 219.7 | 115.3 | 3 335.9 |
| | Alabama ----- | 11 | 7 | .7 | 13.8 | .6 | 1.2 | 10.1 | 16.9 | 38.2 | 55.4 | 1.0 | .8 | 21.2 |
| | Arkansas ----- | 9 | 8 | 1.9 | 21.2 | 1.5 | 2.7 | 14.6 | 58.9 | 61.4 | 120.0 | (D) | 1.4 | 20.0 |
| | California ----- | 135 | 61 | 7.7 | 136.4 | 5.0 | 9.8 | 77.1 | 288.7 | 264.8 | 567.3 | 25.0 | 6.3 | 189.0 |
| | Connecticut ----- | 25 | 14 | 4.8 | 90.9 | 3.2 | 6.0 | 49.4 | 160.2 | 140.4 | 320.6 | 12.2 | 4.6 | 137.3 |
| | Florida ----- | 35 | 11 | 2.1 | 34.7 | 1.4 | 2.6 | 18.7 | 82.6 | 53.1 | 148.9 | 3.7 | 1.0 | 19.7 |
| | Georgia ----- | 17 | 15 | 4.2 | 86.1 | 2.8 | 4.7 | 48.8 | 187.9 | 158.8 | 349.1 | 10.0 | 5.2 | 168.9 |
| | Illinois ----- | 92 | 51 | 9.4 | 179.2 | 6.4 | 11.6 | 100.8 | 387.5 | 311.4 | 705.0 | 19.3 | 11.1 | 242.1 |
| | Indiana ----- | 13 | 10 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 4.6 | 153.3 |
| | Iowa ----- | 10 | 6 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Kentucky ----- | 15 | 12 | 3.5 | 59.9 | 2.6 | 4.6 | 37.6 | 185.9 | 92.5 | 281.0 | 6.5 | 5.1 | 145.4 |
| | Louisiana ----- | 13 | 7 | 1.3 | 29.8 | .9 | 1.6 | 16.6 | 68.1 | 63.1 | 136.3 | 3.1 | CC | (D) |
| | Maryland ----- | 12 | 6 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.0 | 19.6 |
| | Massachusetts ----- | 22 | 11 | 5.8 | 116.8 | 4.3 | 8.2 | 69.4 | 212.0 | 119.0 | 335.5 | 7.3 | 5.7 | 143.9 |
| | Michigan ----- | 41 | 17 | 1.3 | 24.9 | 1.0 | 1.8 | 14.8 | 47.1 | 43.8 | 93.0 | 1.4 | 1.5 | 42.4 |
| | Minnesota ----- | 14 | 7 | 1.2 | 20.5 | .8 | 1.6 | 10.2 | 32.2 | 24.8 | 58.2 | 2.2 | 1.0 | 19.7 |
| | Mississippi ----- | 10 | 7 | 3.1 | 44.8 | 2.5 | 4.5 | 29.3 | 104.2 | 138.6 | 244.3 | 6.5 | 4.5 | 95.6 |
| | Missouri ----- | 18 | 12 | 3.6 | 71.3 | 2.0 | 3.4 | 30.1 | 157.1 | 109.6 | 279.6 | 6.5 | 5.4 | 148.7 |
| | Nebraska ----- | 3 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | New Hampshire ----- | 8 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | New Jersey ----- | 71 | 36 | 4.7 | 77.9 | 3.5 | 6.6 | 48.1 | 125.5 | 127.5 | 260.2 | 5.9 | 6.1 | 140.7 |
| | New York ----- | 52 | 27 | 2.6 | 41.1 | 1.8 | 3.4 | 22.5 | 91.6 | 82.8 | 174.8 | 3.2 | 3.3 | 71.3 |
| | North Carolina ----- | 27 | 15 | 4.4 | 75.3 | 3.2 | 6.0 | 45.3 | 227.5 | 171.4 | 397.5 | (D) | 4.3 | 137.2 |
| | Ohio ----- | 50 | 26 | 3.8 | 70.7 | 2.7 | 4.6 | 44.0 | 163.2 | 128.5 | 295.4 | 5.5 | 4.9 | 134.6 |
| | Oklahoma ----- | 8 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | Oregon ----- | 11 | 5 | .5 | 8.8 | .3 | .6 | 5.1 | 24.8 | 23.4 | 47.5 | .7 | .4 | 23.0 |
| | Pennsylvania ----- | 45 | 26 | 13.9 | 337.6 | 9.4 | 18.7 | 210.0 | 755.8 | 364.1 | 1 153.0 | 25.4 | 19.0 | 618.4 |
| | South Carolina ----- | 10 | 7 | 1.3 | 22.4 | .8 | 1.5 | 11.9 | 50.3 | 44.3 | 95.5 | (D) | AA | (D) |
| | Tennessee ----- | 14 | 10 | 1.9 | 29.4 | 1.4 | 2.7 | 19.8 | 81.1 | 67.3 | 150.5 | 7.5 | CC | (D) |
| | Texas ----- | 51 | 23 | 2.7 | 51.4 | 1.9 | 3.6 | 32.5 | 104.0 | 145.4 | 249.4 | 8.4 | 2.2 | 59.9 |
| | Virginia ----- | 17 | 10 | 2.0 | 37.5 | 1.2 | 2.2 | 18.9 | 90.6 | 79.6 | 169.7 | 4.4 | 2.1 | 66.3 |
| | Wisconsin ----- | 30 | 21 | 5.8 | 108.4 | 4.1 | 6.6 | 66.7 | 249.2 | 206.7 | 458.6 | 8.1 | 5.8 | 202.3 |
| 362 | Electrical industrial apparatus ----- | 1 980 | 1 019 | 191.4 | 3 705.5 | 125.1 | 235.5 | 2 067.2 | 7 918.7 | 5 755.1 | 13 825.1 | 679.8 | 198.4 | 5 614.2 |
| | Alabama ----- | 21 | 8 | 1.3 | 22.3 | 1.0 | 1.7 | 13.6 | 65.8 | 45.7 | 109.0 | 6.2 | 1.1 | 35.9 |
| | Arizona ----- | 20 | 7 | .8 | 14.7 | .6 | 1.1 | 9.2 | 27.4 | 22.8 | 51.2 | 5.0 | CC | (D) |
| | Arkansas ----- | 16 | 14 | 6.7 | 98.4 | 5.4 | 9.5 | 71.7 | 325.8 | 202.1 | 526.9 | 17.8 | 8.0 | 180.5 |
| | California ----- | 280 | 120 | 13.4 | 257.9 | 8.1 | 15.8 | 121.4 | 579.1 | 352.3 | 929.3 | 24.0 | 10.7 | 297.6 |
| | Connecticut ----- | 62 | 32 | 4.0 | 68.6 | 2.4 | 4.4 | 32.0 | 129.5 | 112.1 | 244.9 | 6.1 | 3.8 | 80.5 |
| | Florida ----- | 43 | 17 | 1.9 | 32.1 | 1.1 | 2.1 | 19.1 | 72.6 | 44.3 | 115.2 | 4.5 | .7 | 26.8 |
| | Georgia ----- | 19 | 14 | 2.6 | 44.8 | 1.7 | 3.1 | 25.4 | 119.3 | 99.6 | 220.6 | (D) | 2.0 | 84.2 |
| | Illinois ----- | 148 | 90 | 11.2 | 199.3 | 7.4 | 13.7 | 104.7 | 399.3 | 353.7 | 765.8 | 21.6 | 11.9 | 265.4 |
| | Indiana ----- | 60 | 45 | 9.6 | 168.8 | 7.1 | 13.7 | 112.9 | 313.5 | 209.1 | 537.6 | 16.2 | 12.3 | 325.5 |
| | Iowa ----- | 15 | 7 | 1.0 | 15.0 | .7 | 1.3 | 8.6 | 42.8 | 19.7 | 64.9 | 1.6 | .7 | 16.5 |
| | Kansas ----- | 18 | 8 | 1.2 | 19.7 | .9 | 1.4 | 11.5 | 38.4 | 25.8 | 64.4 | 6.0 | CC | (D) |
| | Kentucky ----- | 13 | 11 | 3.4 | 56.3 | 2.6 | 4.4 | 38.3 | 137.8 | 123.3 | 266.1 | 31.9 | 3.5 | 93.5 |
| | Louisiana ----- | 11 | 3 | .7 | 16.0 | .3 | .6 | 6.6 | 15.9 | 40.4 | 70.8 | (D) | .6 | 16.5 |
| | Maryland ----- | 16 | 8 | 2.3 | 40.0 | 1.4 | 2.7 | 16.0 | 105.1 | 88.8 | 184.7 | 12.4 | 1.9 | 43.9 |
| | Massachusetts ----- | 69 | 26 | 5.0 | 98.1 | 2.8 | 5.4 | 41.1 | 192.6 | 112.3 | 308.2 | 15.4 | 3.7 | 81.6 |
| | Michigan ----- | 139 | 69 | 7.3 | 165.3 | 4.7 | 9.4 | 91.8 | 258.4 | 213.4 | 478.4 | 14.1 | 7.6 | 200.9 |
| | Minnesota ----- | 47 | 23 | 5.2 | 110.0 | 3.1 | 5.4 | 55.7 | 228.0 | 185.2 | 404.1 | 16.5 | 5.3 | 163.0 |
| | Mississippi ----- | 9 | 6 | 2.6 | 37.5 | 2.0 | 3.8 | 28.3 | 106.2 | 87.3 | 194.0 | 6.5 | 3.7 | 96.5 |
| | Missouri ----- | 34 | 18 | 5.3 | 79.0 | 4.3 | 7.9 | 58.7 | 207.5 | 174.0 | 385.3 | 22.1 | 6.0 | 143.6 |
| | New Hampshire ----- | 12 | 5 | .8 | 11.0 | .6 | 1.3 | 7.5 | 33.6 | 27.7 | 61.5 | (D) | .6 | 12.0 |
| | New Jersey ----- | 81 | 39 | 3.5 | 59.2 | 2.2 | 4.4 | 33.1 | 111.6 | 69.9 | 182.3 | 3.9 | 3.6 | 75.2 |
| | New York ----- | 117 | 56 | 15.5 | 349.2 | 10.8 | 20.5 | 222.8 | 778.4 | 470.6 | 1 279.3 | 68.6 | 21.5 | 750.4 |
| | North Carolina ----- | 35 | 24 | 7.5 | 131.2 | 5.1 | 9.5 | 74.3 | 366.4 | 259.8 | 632.7 | 48.7 | 6.4 | 212.0 |
| | Ohio ----- | 157 | 92 | 20.6 | 455.3 | 13.1 | 24.2 | 256.2 | 1 006.9 | 649.5 | 1 687.2 | 67.8 | 24.0 | 794.7 |
| | Oklahoma ----- | 19 | 11 | 1.2 | 16.2 | .7 | 1.4 | 9.2 | 47.7 | 39.5 | 87.8 | 3.9 | 1.6 | 22.7 |
| | Pennsylvania ----- | 127 | 76 | 13.3 | 258.3 | 8.1 | 16.1 | 133.0 | 523.4 | 386.2 | 919.2 | 44.3 | 12.8 | 373.2 |
| | South Carolina ----- | 18 | 10 | 2.8 | 52.4 | 1.7 | 3.4 | 26.2 | 93.1 | 104.0 | 201.2 | 66.5 | 3.2 | 94.3 |
| | Tennessee ----- | 26 | 20 | 6.6 | 103.1 | 5.4 | 9.9 | 77.9 | 269.6 | 295.0 | 537.8 | 21.0 | 7.1 | 187.2 |
| | Texas ----- | 97 | 43 | 4.4 | 88.8 | 2.4 | 4.8 | 37.9 | 188.1 | 166.0 | 361.2 | 14.7 | 2.2 | 54.8 |
| | Virginia ----- | 34 | 16 | 6.7 | 151.6 | 3.8 | 8.2 | 69.4 | 310.6 | 184.1 | 504.2 | 46.8 | 5.9 | 189.1 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | | 1977 | |
|----------|--|---------------------|---|--------------------|------------------------------|--------------------|---------------------|----------------------------|---|---|--|---|--------------------------------|--|
| | | All establishments¹ | | All employees | | Production workers | | | Value added by manu- facture³ (million dollars) | Cost of materials⁴ (million dollars) | Value of shipments⁴ (million dollars) | New capital expenditures (million dollars) | All em- ployees² (1,000) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 36 | Electric and electronic equipment—Con. | | | | | | | | | | | | | |
| 362 | Electrical industrial apparatus—Con. | | | | | | | | | | | | | |
| | Washington | 31 | 9 | .5 | 9.5 | .3 | .5 | 4.1 | 21.0 | 13.6 | 35.2 | 1.2 | .3 | 9.8 |
| | West Virginia | 10 | 7 | 1.1 | 24.7 | .8 | 1.5 | 17.1 | 56.5 | 48.7 | 98.9 | (D) | 1.0 | 33.6 |
| | Wisconsin | 100 | 64 | 19.8 | 424.5 | 11.6 | 20.6 | 217.9 | 699.7 | 487.9 | 1 225.8 | 36.6 | 21.5 | 591.5 |
| 363 | Household appliances..... | 630 | 335 | 129.4 | 2 223.1 | 98.0 | 180.0 | 1 529.5 | 5 775.9 | 6 712.4 | 12 643.5 | 304.8 | 162.3 | 5 276.2 |
| | Alabama | 9 | 7 | 2.0 | 29.2 | 1.7 | 3.4 | 22.9 | 82.8 | 137.0 | 218.7 | 3.9 | 1.3 | 44.5 |
| | Arkansas | 8 | 8 | 3.6 | 59.9 | 3.0 | 5.7 | 47.0 | 193.2 | 226.5 | 437.8 | 3.4 | 4.9 | 175.3 |
| | California | 62 | 24 | 3.7 | 63.4 | 2.6 | 4.7 | 34.9 | 153.3 | 196.2 | 355.8 | 5.5 | 4.4 | 147.3 |
| | Connecticut | 17 | 10 | 2.9 | 49.9 | 2.1 | 4.0 | 30.3 | 176.7 | 101.7 | 279.4 | 5.4 | 3.5 | 137.1 |
| | Georgia | 8 | 5 | 1.6 | 24.4 | 1.1 | 2.2 | 14.0 | 71.5 | 145.4 | 218.0 | 6.2 | CC | (D) |
| | Illinois | 41 | 26 | 14.4 | 253.9 | 9.7 | 18.5 | 170.3 | 546.2 | 683.7 | 1 266.0 | 20.2 | 19.9 | 524.6 |
| | Indiana | 23 | 19 | 9.2 | 186.2 | 7.5 | 13.4 | 142.6 | 412.1 | 540.9 | 942.5 | (D) | 10.5 | 354.8 |
| | Iowa | 10 | 7 | 4.8 | 94.1 | 3.5 | 6.0 | 63.4 | 301.5 | 319.8 | 632.8 | 9.1 | FF | (D) |
| | Kentucky | 10 | 8 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Maryland | 5 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Massachusetts | 22 | 9 | .7 | 11.4 | .6 | 1.0 | 7.4 | 25.4 | 19.6 | 45.5 | .9 | 1.1 | 30.4 |
| | Michigan | 21 | 12 | 5.9 | 113.6 | 4.8 | 9.4 | 85.4 | 301.5 | 373.5 | 668.4 | (D) | 5.4 | 199.9 |
| | Minnesota | 10 | 5 | 3.3 | 69.5 | 2.2 | 4.1 | 40.0 | 137.0 | 186.7 | 319.9 | 6.9 | 4.3 | 202.7 |
| | Mississippi | 13 | 11 | 2.9 | 31.3 | 2.3 | 4.6 | 22.4 | 106.3 | 137.7 | 253.4 | 3.6 | 4.0 | 99.5 |
| | Missouri | 14 | 14 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 3.4 | 97.3 |
| | New Jersey | 19 | 7 | 1.8 | 35.6 | 1.0 | 1.9 | 17.0 | 71.6 | 62.4 | 127.1 | 2.6 | 5.2 | 115.1 |
| | New York | 76 | 26 | 4.3 | 67.7 | 3.4 | 6.5 | 45.9 | 156.1 | 138.6 | 298.1 | 11.0 | 3.4 | 87.6 |
| | North Carolina | 20 | 10 | 5.6 | 65.4 | 4.8 | 8.1 | 51.4 | 206.9 | 192.1 | 397.6 | 10.6 | 5.3 | 177.7 |
| | Ohio | 34 | 24 | 16.1 | 328.9 | 11.5 | 20.5 | 221.0 | 893.5 | 934.4 | 1 852.6 | 29.5 | 28.3 | 978.7 |
| | Pennsylvania | 27 | 11 | 4.4 | 69.1 | 3.5 | 6.4 | 45.3 | 171.8 | 197.3 | 382.1 | (D) | 4.6 | 129.2 |
| | South Carolina | 10 | 7 | 3.4 | 38.7 | 2.7 | 5.0 | 26.8 | 103.9 | 141.8 | 249.6 | 7.5 | 4.1 | 93.9 |
| | South Dakota | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) | (NA) |
| | Tennessee | 37 | 28 | 11.6 | 164.1 | 9.1 | 17.5 | 109.5 | 438.6 | 546.0 | 993.2 | 27.1 | 12.2 | 285.5 |
| | Texas | 39 | 14 | 1.8 | 22.3 | 1.4 | 2.8 | 15.0 | 51.7 | 78.3 | 129.7 | 6.0 | 1.3 | 38.7 |
| | Virginia | 7 | 6 | 1.2 | 20.0 | .8 | 1.4 | 11.5 | 38.2 | 53.8 | 92.7 | 2.3 | CC | (D) |
| | Wisconsin | 22 | 15 | 6.6 | 130.3 | 4.3 | 7.9 | 71.8 | 313.9 | 290.6 | 614.9 | 13.2 | 8.4 | 258.8 |
| 364 | Electric lighting and wiring equipment | 1 993 | 980 | 159.4 | 2 718.2 | 117.4 | 218.0 | 1 739.4 | 6 619.0 | 5 312.2 | 12 047.8 | 340.1 | 165.0 | 4 741.2 |
| | Alabama | 23 | 13 | 1.9 | 31.8 | 1.3 | 2.3 | 18.4 | 80.3 | 49.1 | 131.7 | 8.0 | 1.7 | 47.5 |
| | Arkansas | 18 | 9 | 1.8 | 26.3 | 1.5 | 2.6 | 20.5 | 97.9 | 55.1 | 154.2 | 3.3 | 1.9 | 67.3 |
| | California | 363 | 144 | 11.8 | 189.9 | 8.6 | 16.4 | 113.6 | 478.3 | 398.2 | 884.2 | 16.5 | 12.2 | 305.4 |
| | Connecticut | 66 | 40 | 6.6 | 118.2 | 4.5 | 8.6 | 66.7 | 304.6 | 184.7 | 496.5 | 14.3 | 6.3 | 174.0 |
| | Florida | 80 | 27 | 2.9 | 41.3 | 2.1 | 4.0 | 25.5 | 87.7 | 70.7 | 159.5 | 4.0 | 2.5 | 70.6 |
| | Georgia | 23 | 13 | 3.1 | 50.1 | 2.3 | 4.4 | 31.1 | 137.3 | 222.7 | 360.3 | (D) | 2.3 | 69.0 |
| | Illinois | 172 | 87 | 17.5 | 314.3 | 12.1 | 22.6 | 189.0 | 696.3 | 557.3 | 1 288.0 | 34.8 | 20.6 | 567.2 |
| | Indiana | 36 | 19 | 7.3 | 169.7 | 5.4 | 10.1 | 112.0 | 359.1 | 234.8 | 602.2 | 26.2 | 8.6 | 310.3 |
| | Kansas | 10 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Kentucky | 24 | 18 | 3.8 | 62.3 | 2.9 | 5.6 | 45.0 | 201.8 | 131.6 | 330.3 | 23.4 | 3.8 | 124.4 |
| | Louisiana | 10 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Maine | 7 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | Massachusetts | 66 | 41 | 7.4 | 125.5 | 5.6 | 10.3 | 80.5 | 326.5 | 211.0 | 539.3 | 12.7 | 7.0 | 204.9 |
| | Michigan | 38 | 18 | 1.9 | 25.6 | 1.4 | 2.4 | 15.7 | 64.1 | 74.0 | 140.1 | 3.0 | 1.2 | 34.5 |
| | Minnesota | 14 | 8 | 1.7 | 33.5 | 1.3 | 2.5 | 24.9 | 73.1 | 65.8 | 138.3 | 3.0 | EE | (D) |
| | Mississippi | 13 | 10 | 2.5 | 40.8 | 1.9 | 3.8 | 27.6 | 122.9 | 129.3 | 249.8 | 6.4 | 2.3 | 60.6 |
| | Missouri | 36 | 19 | 4.3 | 80.0 | 2.9 | 5.4 | 45.5 | 215.5 | 156.6 | 378.2 | 10.5 | 5.4 | 176.7 |
| | New Hampshire | 9 | 7 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.2 | 53.3 |
| | New Jersey | 139 | 68 | 9.8 | 152.5 | 7.1 | 13.5 | 89.5 | 320.2 | 257.0 | 577.6 | 15.1 | 11.0 | 271.6 |
| | New York | 274 | 125 | 18.7 | 313.8 | 13.3 | 24.0 | 187.3 | 675.7 | 531.3 | 1 228.0 | 34.9 | 18.7 | 483.6 |
| | North Carolina | 36 | 17 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Ohio | 115 | 75 | 16.2 | 300.8 | 12.8 | 23.4 | 218.0 | 793.1 | 576.0 | 1 370.2 | 32.3 | 18.1 | 629.3 |
| | Oklahoma | 16 | 6 | .5 | 8.9 | .4 | .8 | 5.9 | 47.2 | 30.7 | 78.4 | 1.2 | .4 | 12.8 |
| | Pennsylvania | 148 | 82 | 13.2 | 213.8 | 10.2 | 18.6 | 146.7 | 490.3 | 494.0 | 998.2 | 19.3 | 13.9 | 367.2 |
| | Rhode Island | 18 | 11 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 3.8 | 63.7 |
| | South Carolina | 11 | 10 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Tennessee | 22 | 17 | 2.9 | 43.6 | 2.3 | 4.1 | 31.3 | 106.5 | 110.0 | 218.2 | 6.0 | 3.5 | 123.5 |
| | Texas | 73 | 36 | 3.5 | 55.9 | 2.4 | 4.4 | 31.3 | 119.5 | 135.1 | 257.8 | 7.8 | 2.3 | 64.1 |
| | Vermont | 2 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Virginia | 10 | 4 | 1.0 | 16.5 | .7 | 1.4 | 10.6 | 55.6 | 44.8 | 100.9 | (D) | .8 | 25.0 |
| | Washington | 13 | 5 | 1.0 | 16.2 | .7 | 1.3 | 9.5 | 43.5 | 21.0 | 64.8 | 1.0 | CC | (D) |
| | West Virginia | 8 | 7 | 2.0 | 35.4 | 1.2 | 2.2 | 19.9 | 74.8 | 85.0 | 160.4 | (D) | 2.7 | 87.9 |
| | Wisconsin | 26 | 12 | 1.8 | 29.9 | 1.2 | 2.3 | 17.7 | 62.8 | 68.4 | 129.4 | 2.6 | 2.0 | 38.0 |
| 365 | Radio and TV receiving equipment | 1 032 | 310 | 65.6 | 1 154.3 | 47.2 | 88.9 | 705.6 | 3 200.1 | 4 546.0 | 7 832.8 | 177.2 | 97.7 | 3 078.1 |
| | Arkansas | 9 | 7 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | California | 272 | 78 | 8.9 | 146.6 | 5.9 | 11.7 | 69.2 | 449.0 | 546.0 | 1 010.3 | 40.5 | 12.2 | 384.7 |
| | Florida | 37 | 8 | .6 | 9.7 | .5 | .9 | 6.0 | 19.4 | 14.1 | 33.7 | .7 | .6 | 11.0 |
| | Georgia | 17 | 6 | 1.1 | 17.7 | .9 | 1.9 | 14.4 | 11.8 | 55.0 | 63.2 | (D) | AA | (D) |
| | Illinois | 54 | 21 | 4.4 | 70.9 | 3.0 | 5.7 | 37.6 | 143.3 | 275.9 | 433.3 | 10.1 | 17.1 | 650.3 |
| | Indiana | 20 | 13 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 21.7 | 914.2 |
| | Massachusetts | 30 | 15 | 2.1 | 34.2 | 1.4 | 2.1 | 16.5 | 57.3 | 84.8 | 145.8 | 6.6 | 2.9 | 88.1 |
| | Michigan | 28 | 7 | 1.3 | 24.8 | .8 | 1.5 | 14.5 | 81.6 | 43.3 | 123.2 | 1.9 | 1.6 | 26.1 |
| | Mississippi | 4 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | Missouri | 12 | 2 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | | 1977 | |
|----------|---|---------------------------------|---|--------------------------------|---------------------------------|--------------------|---------------------|-------------------------------|--|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expen- ditures (million dollars) | All em- ployees ² (1,000) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 36 | Electric and electronic equipment —Con. | | | | | | | | | | | | | |
| 365 | Radio and TV receiving equipment—Con. | | | | | | | | | | | | | |
| | New Jersey | 51 | 25 | 3.7 | 48.2 | 2.8 | 5.6 | 29.3 | 315.9 | 135.0 | 443.4 | 4.9 | 4.8 | 90.8 |
| | New York | 157 | 39 | 3.3 | 55.9 | 2.0 | 3.9 | 23.0 | 179.5 | 124.2 | 306.5 | 4.8 | 6.4 | 217.6 |
| | North Carolina | 10 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Pennsylvania | 25 | 11 | 2.2 | 31.8 | 1.8 | 3.5 | 24.4 | 57.1 | 88.5 | 163.6 | (D) | 4.2 | 55.5 |
| | Tennessee | 54 | 13 | 5.2 | 83.1 | 3.2 | 5.8 | 46.3 | 374.3 | 762.0 | 1 108.7 | 13.0 | 4.4 | 139.2 |
| | Texas | 41 | 15 | 2.4 | 28.6 | 1.7 | 3.5 | 17.6 | 93.3 | 133.3 | 226.7 | 5.6 | 2.6 | 66.1 |
| | Virginia | 11 | 3 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| 366 | Communication equipment..... | 2 721 | 1 466 | 600.6 | 13 979.1 | 314.0 | 597.6 | 5 846.8 | 28 299.2 | 18 399.4 | 46 426.0 | 2 297.7 | 458.5 | 1 413.0 |
| | Alabama | 21 | 13 | 6.6 | 95.9 | 4.6 | 9.5 | 57.7 | 258.3 | 206.3 | 427.0 | 17.6 | 4.9 | 88.3 |
| | Arizona | 35 | 20 | 10.8 | 252.0 | 5.9 | 11.2 | 117.1 | 432.5 | 195.9 | 630.5 | (D) | 5.9 | 150.8 |
| | Arkansas | 18 | 8 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | California | 654 | 362 | 137.3 | 3 450.9 | 62.1 | 117.6 | 1 269.6 | 6 894.2 | 3 780.1 | 10 695.5 | 745.2 | 89.5 | 2 847.6 |
| | Colorado | 52 | 24 | 9.0 | 190.6 | 5.8 | 10.7 | 101.1 | 429.4 | 513.1 | 926.6 | 36.0 | 5.1 | 139.4 |
| | Connecticut | 76 | 46 | 10.1 | 228.0 | 4.8 | 9.7 | 72.2 | 490.5 | 271.4 | 736.1 | 33.6 | FF | (D) |
| | Florida | 144 | 83 | 38.3 | 849.0 | 18.2 | 35.6 | 274.3 | 1 711.1 | 1 000.8 | 2 683.7 | 179.5 | 20.4 | 646.0 |
| | Georgia | 38 | 18 | 5.1 | 108.0 | 3.2 | 5.8 | 48.9 | 207.4 | 248.4 | 459.0 | 13.4 | 2.3 | 62.1 |
| | Illinois | 136 | 83 | 42.4 | 957.5 | 23.4 | 44.1 | 417.5 | 1 972.2 | 1 856.6 | 3 892.1 | 150.5 | 41.7 | 1 381.9 |
| | Indiana | 29 | 16 | 13.1 | 282.0 | 8.4 | 14.2 | 150.5 | 619.0 | 389.9 | 1 020.2 | 45.8 | 13.9 | 408.9 |
| | Iowa | 9 | 5 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Kansas | 27 | 8 | 3.0 | 45.9 | 1.9 | 3.9 | 23.2 | 80.5 | 43.1 | 121.5 | 5.9 | 2.5 | 55.3 |
| | Kentucky | 13 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | AA | (D) |
| | Louisiana | 6 | 3 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Maine | 7 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .4 | 9.1 |
| | Maryland | 65 | 38 | 31.7 | 871.5 | 14.7 | 24.2 | 311.4 | 1 503.1 | 839.7 | 2 235.1 | 117.5 | 24.2 | 742.8 |
| | Massachusetts | 134 | 78 | 36.3 | 875.7 | 22.4 | 45.1 | 472.0 | 1 905.5 | 1 382.4 | 3 322.8 | 97.7 | 30.9 | 975.8 |
| | Michigan | 39 | 19 | 3.2 | 56.5 | 1.6 | 3.4 | 22.0 | 88.6 | 180.0 | 268.9 | 8.3 | 2.5 | 67.5 |
| | Minnesota | 44 | 21 | 7.6 | 173.8 | 3.6 | 6.9 | 63.6 | 246.7 | 129.1 | 371.6 | 9.0 | 6.7 | 155.4 |
| | Mississippi | 5 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Missouri | 35 | 14 | 7.1 | 150.7 | 3.0 | 5.8 | 47.5 | 303.8 | 187.4 | 504.5 | 22.1 | 4.3 | 121.2 |
| | Nebraska | 16 | 8 | 3.1 | 66.4 | 2.4 | 4.2 | 45.1 | 144.2 | 98.7 | 246.8 | 8.5 | 4.4 | 145.3 |
| | Nevada | 8 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.2 | 45.9 |
| | New Hampshire | 20 | 12 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 4.9 | 133.9 |
| | New Jersey | 164 | 93 | 32.9 | 860.2 | 20.6 | 38.6 | 490.7 | 1 529.7 | 1 001.8 | 2 525.9 | 79.8 | 27.0 | 814.2 |
| | New Mexico | 11 | 5 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.4 | 60.8 |
| | New York | 247 | 129 | 51.1 | 1 245.4 | 22.1 | 42.5 | 403.1 | 2 396.9 | 1 123.7 | 3 375.4 | 157.7 | 41.4 | 1 248.9 |
| | North Carolina | 33 | 18 | 16.3 | 318.2 | 8.6 | 16.1 | 147.7 | 635.8 | 697.3 | 1 343.8 | 60.5 | 9.2 | 324.3 |
| | Ohio | 81 | 35 | 8.1 | 181.6 | 5.1 | 9.5 | 97.9 | 602.1 | 313.3 | 876.5 | 15.0 | 11.5 | 374.9 |
| | Oklahoma | 25 | 14 | 6.8 | 145.7 | 5.3 | 10.6 | 100.8 | 396.8 | 516.5 | 849.2 | (D) | 7.4 | 306.2 |
| | Oregon | 36 | 15 | 2.2 | 39.0 | 1.3 | 2.6 | 18.2 | 142.3 | 71.6 | 212.2 | 7.7 | 1.2 | 47.6 |
| | Pennsylvania | 91 | 53 | 10.6 | 197.3 | 5.6 | 11.2 | 83.5 | 401.9 | 276.7 | 672.3 | 20.8 | 7.5 | 201.3 |
| | Rhode Island | 10 | 4 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | South Carolina | 13 | 6 | 2.1 | 33.6 | 1.8 | 3.1 | 25.6 | 97.8 | 42.4 | 139.1 | 3.7 | 1.9 | 48.2 |
| | Tennessee | 25 | 10 | 4.5 | 84.7 | 2.6 | 4.9 | 38.5 | 127.1 | 128.0 | 289.3 | 9.1 | FF | (D) |
| | Texas | 176 | 104 | 45.6 | 1 035.8 | 23.8 | 48.9 | 424.3 | 2 192.8 | 1 203.8 | 3 446.7 | 155.7 | FF | (D) |
| | Utah | 20 | 12 | 2.9 | 61.1 | 1.6 | 3.0 | 25.8 | 162.0 | 72.3 | 231.6 | 12.8 | 2.4 | 99.3 |
| | Virginia | 41 | 26 | 11.5 | 282.2 | 4.9 | 9.1 | 76.3 | 558.3 | 268.9 | 822.8 | 51.1 | 12.1 | 432.9 |
| | Washington | 57 | 27 | 2.9 | 54.8 | 1.5 | 2.8 | 22.7 | 109.5 | 80.8 | 190.8 | 30.9 | 2.7 | 66.1 |
| | Wisconsin | 36 | 17 | 2.3 | 39.1 | 1.5 | 3.0 | 20.6 | 107.1 | 172.8 | 272.8 | 12.4 | 2.7 | 57.6 |
| 367 | Electronic components and accessories..... | 5 455 | 2 464 | 515.8 | 9 770.1 | 324.8 | 626.3 | 4 644.5 | 21 214.2 | 13 584.4 | 34 516.8 | 3 012.6 | 373.5 | 9 259.6 |
| | Alabama | 31 | 12 | 4.7 | 68.4 | 3.7 | 7.8 | 41.6 | 193.7 | 158.1 | 340.8 | (D) | EE | (D) |
| | Arizona | 115 | 48 | 23.8 | 510.7 | 12.2 | 21.8 | 169.8 | 829.1 | 369.2 | 1 189.1 | 174.2 | 16.3 | 354.5 |
| | Arkansas | 18 | 8 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | California | 1 539 | 680 | 135.1 | 2 780.0 | 82.2 | 159.4 | 1 290.2 | 6 249.6 | 3 615.7 | 9 797.8 | 865.8 | 85.2 | 2 380.1 |
| | Colorado | 86 | 28 | 4.4 | 65.3 | 3.0 | 5.9 | 31.8 | 94.9 | 81.0 | 174.8 | 35.6 | 1.4 | 22.1 |
| | Connecticut | 180 | 97 | 12.2 | 193.6 | 8.9 | 18.0 | 113.7 | 420.2 | 249.1 | 671.0 | 44.9 | 8.7 | 189.0 |
| | Florida | 193 | 83 | 16.0 | 246.9 | 10.8 | 21.5 | 135.1 | 486.1 | 226.3 | 734.6 | 73.9 | 9.9 | 221.3 |
| | Georgia | 34 | 10 | 1.2 | 17.7 | .9 | 1.7 | 11.3 | 46.3 | 44.2 | 91.1 | 4.3 | .5 | 13.0 |
| | Idaho | 7 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Illinois | 295 | 160 | 25.3 | 397.1 | 18.5 | 34.5 | 240.0 | 855.0 | 601.8 | 1 448.5 | 45.8 | 25.1 | 471.0 |
| | Indiana | 98 | 54 | 10.1 | 154.9 | 7.8 | 14.8 | 105.6 | 308.7 | 253.0 | 559.0 | 19.0 | 11.2 | 230.4 |
| | Iowa | 30 | 14 | 2.3 | 33.8 | 1.6 | 3.3 | 22.1 | 64.0 | 45.1 | 109.5 | 17.4 | 3.1 | 49.4 |
| | Kansas | 37 | 12 | 1.1 | 14.4 | .8 | 1.6 | 8.9 | 26.0 | 25.1 | 51.2 | 2.1 | .6 | 10.6 |
| | Kentucky | 20 | 6 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Maine | 20 | 15 | 4.2 | 58.5 | 3.2 | 6.3 | 35.8 | 171.3 | 70.0 | 232.6 | 27.7 | 2.6 | 49.3 |
| | Maryland | 54 | 18 | 2.6 | 40.7 | 1.8 | 3.4 | 22.3 | 75.2 | 48.2 | 123.6 | 17.2 | 1.8 | 34.4 |
| | Massachusetts | 305 | 159 | 31.6 | 538.2 | 21.8 | 42.6 | 296.3 | 1 103.7 | 573.5 | 1 659.4 | 104.2 | 21.1 | 461.0 |
| | Michigan | 107 | 32 | 2.0 | 30.1 | 1.4 | 2.8 | 16.6 | 62.2 | 47.6 | 109.6 | (D) | 1.7 | 32.8 |
| | Minnesota | 115 | 52 | 7.4 | 115.9 | 5.3 | 10.3 | 67.8 | 204.1 | 115.5 | 323.1 | 26.5 | 6.4 | 130.3 |
| | Missouri | 37 | 17 | 8.1 | 174.8 | 6.1 | 11.3 | 117.4 | 368.0 | 205.8 | 580.4 | 63.3 | 6.7 | 183.6 |
| | Nebraska | 20 | 10 | 3.0 | 38.4 | 1.7 | 3.5 | 15.3 | 72.4 | 28.5 | 100.7 | 6.6 | FF | (D) |
| | New Hampshire | 85 | 46 | 6.8 | 86.8 | 5.4 | 10.0 | 56.9 | 163.8 | 100.5 | 263.3 | 21.6 | 4.5 | 103.4 |
| | New Jersey | 319 | 155 | 18.4 | 315.1 | 12.5 | 23.9 | 162.5 | 604.6 | 369.0 | 975.1 | 48.8 | 14.1 | 290.9 |
| | New Mexico | 23 | 6 | 1.2 | 16.2 | .9 | 1.8 | 10.5 | 33.9 | 15.3 | 50.0 | 1.4 | .2 | 3.6 |
| | New York | 443 | 218 | 57.1 | 1 235.8 | 28.7 | 57.4 | 428.0 | 2 533.1 | 2 679.7 | 5 201.1 | 385.2 | 44.6 | 1 255.3 |
| | North Carolina | 67 | 39 | 12.0 | 254.9 | 6.9 | 13.2 | 94.2 | 679.4 | 886.0 | 1 417.1 | (D) | 5.1 | 149.6 |
| | North Dakota | 3 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) | (NA) |
| | Ohio | 149 | 64 | 9.3 | 158.1 | 6.8 | 13.0 | 101.2 | 355.9 | 208.5 | 564.3 | 20.6 | 7.3 | 220.2 |
| | Oklahoma | 37 | 11 | 1.7 | 22.9 | 1.4 | 2.6 | 15.2 | 46.3 | 36.3 | 81.4 | (D) | 1.4 | 31.4 |
| | Oregon | 71 | 24 | 5.1 | 102.8 | 2.2 | 4.2 | 30.0 | 317.9 | 49.4 | 364.1 | 22.9 | 1.3 | 24.7 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|---|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|------------------------------------|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All employees ² (1,000) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 36 | Electric and electronic equipment—Con. | | | | | | | | | | | | | |
| 367 | Electronic components and accessories—Con. | | | | | | | | | | | | | |
| | Pennsylvania | 234 | 114 | 30.1 | 591.7 | 22.0 | 40.6 | 371.0 | 1 412.4 | 824.1 | 2 245.8 | 219.8 | 35.3 | 979.4 |
| | Rhode Island | 33 | 24 | 2.6 | 31.9 | 1.5 | 2.8 | 14.5 | 55.6 | 43.1 | 102.1 | 6.1 | 1.7 | 33.7 |
| | South Carolina | 29 | 14 | 8.7 | 128.5 | 6.4 | 13.1 | 82.5 | 215.2 | 174.7 | 381.9 | 79.9 | 6.7 | 116.5 |
| | South Dakota | 7 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Tennessee | 31 | 12 | 2.3 | 35.9 | 1.7 | 3.1 | 20.8 | 57.6 | 51.1 | 106.2 | 20.5 | 2.7 | 42.8 |
| | Texas | 274 | 101 | 33.2 | 681.7 | 18.2 | 36.6 | 276.8 | 1 548.4 | 601.5 | 2 140.0 | 168.0 | 24.1 | 676.5 |
| | Utah | 36 | 12 | 4.5 | 77.7 | 2.9 | 5.3 | 34.4 | 113.7 | 55.8 | 167.9 | (D) | 1.2 | 20.3 |
| | Vermont | 19 | 9 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Virginia | 47 | 20 | 5.0 | 86.3 | 3.8 | 7.4 | 57.5 | 335.2 | 160.7 | 493.2 | 48.4 | 2.5 | 42.4 |
| | Washington | 86 | 24 | 4.4 | 84.4 | 2.5 | 4.4 | 30.7 | 242.9 | 145.7 | 374.2 | 21.3 | .5 | 11.0 |
| | Wisconsin | 69 | 36 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.6 | 58.9 |
| 369 | Miscellaneous electrical equipment and supplies | 1 700 | 762 | 147.1 | 2 868.7 | 98.5 | 187.4 | 1 568.7 | 6 994.3 | 5 574.0 | 12 543.5 | 510.4 | 152.4 | 4 930.4 |
| | Alabama | 8 | 2 | 1.1 | 15.3 | 1.0 | 2.0 | 11.5 | 28.3 | 22.0 | 51.4 | 1.4 | 1.4 | 22.2 |
| | Arizona | 21 | 6 | .7 | 15.2 | .4 | .8 | 5.6 | 30.0 | 18.1 | 48.1 | 1.7 | .2 | 8.8 |
| | Arkansas | 17 | 9 | 1.5 | 18.5 | 1.2 | 2.3 | 11.3 | 45.7 | 52.7 | 98.6 | 2.0 | .3 | 6.5 |
| | California | 248 | 93 | 13.8 | 279.7 | 8.2 | 15.8 | 118.4 | 665.5 | 424.6 | 1 083.8 | 59.3 | 8.2 | 255.9 |
| | Colorado | 25 | 12 | 3.2 | 63.3 | 1.5 | 2.8 | 19.4 | 125.5 | 88.2 | 209.8 | 15.6 | EE | (D) |
| | Connecticut | 51 | 26 | 5.0 | 99.0 | 3.1 | 6.3 | 47.7 | 257.0 | 278.6 | 522.0 | 12.3 | 4.8 | 171.0 |
| | Florida | 72 | 21 | 5.4 | 104.2 | 3.6 | 7.5 | 54.8 | 242.0 | 125.1 | 367.3 | 29.7 | 6.6 | 207.5 |
| | Georgia | 39 | 19 | 3.7 | 69.0 | 2.9 | 5.7 | 51.1 | 195.5 | 192.4 | 399.9 | 9.1 | 2.4 | 92.9 |
| | Illinois | 101 | 44 | 5.4 | 95.8 | 3.9 | 7.5 | 52.7 | 244.6 | 213.1 | 457.2 | 11.2 | 8.0 | 209.1 |
| | Indiana | 57 | 36 | 13.6 | 331.5 | 10.3 | 19.3 | 234.4 | 659.5 | 513.4 | 1 194.2 | 24.9 | 24.4 | 895.4 |
| | Iowa | 13 | 9 | 1.9 | 34.6 | 1.6 | 2.8 | 27.6 | 99.9 | 97.6 | 200.4 | 6.3 | 1.5 | 63.7 |
| | Kansas | 16 | 10 | 2.3 | 41.0 | 1.9 | 3.8 | 30.0 | 119.7 | 100.6 | 223.4 | 4.7 | 2.1 | 74.9 |
| | Kentucky | 16 | 6 | 1.1 | 20.3 | .8 | 1.5 | 14.9 | 34.0 | 47.9 | 84.7 | (D) | 1.9 | 38.9 |
| | Louisiana | 11 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .7 | 23.8 |
| | Maine | 6 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Maryland | 23 | 14 | 1.7 | 31.0 | 1.0 | 1.7 | 14.2 | 78.0 | 59.9 | 138.6 | 2.0 | CC | (D) |
| | Massachusetts | 74 | 38 | 6.8 | 125.8 | 4.1 | 8.3 | 56.9 | 339.1 | 224.6 | 561.2 | 28.8 | 5.5 | 170.3 |
| | Michigan | 80 | 32 | 4.8 | 86.2 | 3.5 | 6.6 | 55.0 | 208.1 | 202.0 | 413.0 | (D) | 12.4 | 455.3 |
| | Minnesota | 38 | 20 | 3.9 | 91.3 | 1.9 | 3.2 | 27.0 | 191.4 | 198.1 | 385.2 | (D) | FF | (D) |
| | Mississippi | 20 | 15 | 2.7 | 36.4 | 2.4 | 4.4 | 30.8 | 105.7 | 86.4 | 197.9 | 3.2 | EE | (D) |
| | Missouri | 38 | 21 | 3.5 | 56.6 | 2.7 | 5.2 | 39.5 | 156.0 | 131.7 | 284.7 | 10.4 | FF | (D) |
| | New Jersey | 74 | 34 | 6.0 | 113.2 | 3.3 | 6.0 | 47.4 | 181.6 | 146.0 | 324.4 | 16.0 | 5.7 | 131.0 |
| | New York | 117 | 48 | 8.1 | 140.3 | 5.3 | 9.8 | 72.0 | 331.1 | 245.0 | 590.7 | 19.3 | 9.3 | 314.2 |
| | North Carolina | 30 | 15 | 4.2 | 72.1 | 3.4 | 6.7 | 54.2 | 249.1 | 250.4 | 499.6 | 41.7 | 4.0 | 153.0 |
| | Ohio | 75 | 38 | 12.2 | 293.2 | 7.7 | 14.7 | 151.9 | 788.4 | 559.5 | 1 292.2 | 44.8 | 15.3 | 511.9 |
| | Oklahoma | 13 | 7 | .7 | 10.2 | .4 | .8 | 4.6 | 19.0 | 22.5 | 42.1 | (D) | .4 | 14.2 |
| | Oregon | 27 | 9 | 1.5 | 29.6 | .9 | 1.6 | 15.3 | 76.5 | 47.2 | 119.5 | 3.6 | 1.3 | 36.2 |
| | Pennsylvania | 74 | 39 | 6.8 | 126.7 | 4.5 | 8.9 | 73.1 | 282.4 | 241.2 | 529.7 | 22.6 | 6.6 | 196.0 |
| | Rhode Island | 13 | 5 | .6 | 10.7 | .4 | .7 | 6.7 | 22.9 | 21.7 | 48.6 | 2.4 | .6 | 19.8 |
| | South Carolina | 8 | 8 | 2.8 | 41.9 | 2.3 | 4.2 | 27.0 | 103.5 | 140.1 | 244.9 | (D) | CC | (D) |
| | Tennessee | 28 | 16 | 1.7 | 24.0 | 1.4 | 2.7 | 16.8 | 56.9 | 70.9 | 129.9 | 3.3 | 2.7 | 55.2 |
| | Texas | 120 | 46 | 5.7 | 93.0 | 3.9 | 7.1 | 50.3 | 264.1 | 178.7 | 439.0 | 17.2 | 3.8 | 108.4 |
| | Utah | 14 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .3 | 4.9 |
| | Vermont | 5 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Virginia | 23 | 10 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | Washington | 29 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .6 | 20.6 |
| | Wisconsin | 42 | 26 | 8.2 | 165.9 | 4.9 | 9.1 | 84.0 | 482.7 | 358.1 | 848.7 | 31.6 | 7.2 | 224.7 |
| 37 | Transportation equipment | 9 443 | 3 800 | 1 595.9 | 40 811.9 | 1 059.6 | 2 051.4 | 24 378.8 | 84 932.3 | 120 010.5 | 201 346.1 | 7 214.4 | 1 768.2 | 4 291.1 |
| | Alabama | 149 | 79 | 21.0 | 426.4 | 15.9 | 31.4 | 301.6 | 833.1 | 770.7 | 1 598.8 | 86.3 | 17.0 | 380.8 |
| | Arizona | 116 | 27 | 17.8 | 473.2 | 11.5 | 23.9 | 288.5 | 995.3 | 955.4 | 2 013.3 | 44.7 | 10.9 | 399.5 |
| | Arkansas | 103 | 42 | 7.1 | 109.9 | 5.6 | 10.3 | 77.6 | 278.7 | 390.8 | 667.1 | 16.9 | 6.3 | 130.7 |
| | California | 1 685 | 591 | 258.3 | 7 400.8 | 138.6 | 271.5 | 3 308.4 | 15 356.1 | 11 509.4 | 26 064.8 | 871.8 | 253.5 | 9 202.4 |
| | Colorado | 85 | 25 | 12.8 | 331.0 | 8.5 | 16.8 | 198.3 | 772.6 | 547.7 | 1 345.0 | (D) | 7.9 | 270.4 |
| | Connecticut | 194 | 85 | 85.2 | 2 171.7 | 49.6 | 97.5 | 1 075.8 | 3 760.2 | 3 751.1 | 7 417.3 | 198.6 | 79.5 | 2 340.7 |
| | Delaware | 12 | 6 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Florida | 696 | 214 | 47.2 | 1 049.0 | 26.8 | 53.0 | 448.1 | 2 220.3 | 1 241.3 | 3 395.8 | 152.3 | 36.7 | 820.6 |
| | Georgia | 144 | 67 | 34.0 | 852.6 | 22.5 | 42.0 | 473.2 | 1 750.0 | 3 593.8 | 5 061.0 | 116.6 | 30.8 | 1 578.0 |
| | Idaho | 26 | 9 | .9 | 14.1 | .7 | 1.3 | 9.6 | 23.4 | 31.5 | 57.1 | .3 | 1.3 | 22.9 |
| | Illinois | 309 | 138 | 39.4 | 883.1 | 28.2 | 51.7 | 557.7 | 1 801.1 | 3 252.7 | 5 081.8 | 109.4 | 50.0 | 1 719.3 |
| | Indiana | 378 | 207 | 68.2 | 1 682.0 | 51.0 | 95.4 | 1 145.8 | 3 269.2 | 4 571.9 | 7 931.7 | 199.0 | 101.3 | 3 430.3 |
| | Iowa | 89 | 36 | 5.3 | 90.4 | 3.9 | 7.2 | 56.0 | 214.0 | 286.3 | 498.1 | 17.5 | FF | (D) |
| | Kansas | 143 | 63 | 39.7 | 972.8 | 24.2 | 48.0 | 556.2 | 2 005.6 | 2 638.4 | 4 564.7 | 111.8 | 38.7 | 1 083.4 |
| | Kentucky | 79 | 37 | 12.1 | 282.9 | 9.4 | 17.0 | 204.4 | 1 073.9 | 1 073.9 | 3 033.5 | 131.5 | 14.6 | 951.3 |
| | Louisiana | 240 | 117 | 26.5 | 577.6 | 21.8 | 46.5 | 471.9 | 947.0 | 1 313.8 | 2 251.2 | 90.1 | 22.1 | 551.5 |
| | Maine | 104 | 20 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 4.4 | 98.5 |
| | Maryland | 91 | 32 | 12.2 | 306.4 | 8.4 | 15.8 | 193.5 | 650.4 | 839.8 | 1 477.3 | 39.1 | 15.2 | 582.9 |
| | Massachusetts | 190 | 70 | 20.2 | 503.7 | 12.9 | 25.2 | 258.9 | 1 578.8 | 1 268.5 | 2 804.8 | 66.1 | 22.2 | 866.3 |
| | Michigan | 564 | 299 | 215.7 | 6 210.8 | 170.7 | 331.9 | 4 686.0 | 13 442.6 | 30 337.3 | 43 771.8 | 1 492.2 | 321.2 | 13 924.2 |
| | Minnesota | 138 | 46 | 6.2 | 130.0 | 4.8 | 8.8 | 91.4 | 496.1 | 783.6 | 1 282.1 | 16.2 | 8.0 | 278.2 |
| | Mississippi | 75 | 41 | 20.3 | 433.7 | 14.6 | 28.5 | 280.7 | 879.9 | 1 842.0 | 3 10.0 | 31.0 | 31.3 | 572.7 |
| | Missouri | 171 | 86 | 54.5 | 1 481.5 | 32.7 | 63.0 | 787.1 | 4 367.2 | 7 133.3 | 10 273.2 | 517.7 | 70.7 | 3 506.2 |
| | Nebraska | 44 | 18 | 3.8 | 66.0 | 3.0 | 5.7 | 46.9 | 207.9 | 202.7 | 409.9 | 7.1 | 4.3 | 118.1 |
| | Nevada | 23 | 5 | 1.4 | 12.4 | .3 | .5 | 3.5 | 26.5 | 11.9 | 39.8 | (D) | .2 | 6.2 |
| | New Hampshire | 25 | 7 | 2.1 | 36.8 | 1.4 | 2.8 | 21.8 | 61.3 | 48.7 | 109.9 | 2.6 | 1.8 | 43.9 |
| | New Jersey | 227 | 87 | 17.7 | 411.3 | 13.0 | 24.2 | 281.9 | 1 275.8 | 2 541.0 | 3 831.0 | 48.0 | 21.2 | 1 174.9 |
| | New Mexico | 25 | 8 | 2.9 | 59.3 | 1.9 | 4.2 | 36.0 | 105.0 | 140.0 | 242.3 | (D) | 1.5 | 39.0 |
| | New York | 397 | 139 | 57.4 | 1 552.7 | 36.2 | 74.0 | 894.1 | 2 857.0 | 3 571.9 | 6 241.1 | 258.9 | 73.5 | 2 452.8 |
| | North Carolina | 168 | 67 | 15.0 | 243.7 | 11.7 | 21.8 | 169.2 | 594.0 | 703.8 | 1 292.7 | 84.5 | 11.3 | 312.9 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|------------------------------------|---------------------------------|---|--------------------------------|---------------------------------|--------------------|---------------------|-------------------------------|--|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expend- itures (million dollars) | All em- ployees ² (1,000) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 37 | Transportation equipment—Con. | | | | | | | | | | | | | |
| | North Dakota | 9 | 6 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Ohio | 429 | 243 | 123.6 | 3 374.9 | 86.9 | 171.3 | 2 220.8 | 7 038.3 | 11 042.3 | 17 985.1 | 938.4 | 158.9 | 6 376.5 |
| | Oklahoma | 150 | 58 | 15.9 | 382.0 | 11.5 | 23.1 | 258.2 | 603.7 | 1 000.4 | 1 678.7 | 43.2 | 11.5 | 308.9 |
| | Oregon | 173 | 38 | 6.9 | 173.2 | 5.4 | 10.5 | 133.7 | 304.6 | 330.2 | 613.4 | 12.9 | 9.4 | 237.3 |
| | Pennsylvania | 296 | 155 | 60.3 | 1 403.6 | 40.3 | 69.8 | 813.6 | 2 606.2 | 3 047.0 | 5 776.6 | 193.2 | 70.2 | 2 228.6 |
| | Rhode Island | 50 | 21 | 2.5 | 42.2 | 2.0 | 4.3 | 29.5 | 92.5 | 87.7 | 182.0 | 3.0 | EE | (D) |
| | South Carolina | 69 | 29 | 4.9 | 81.9 | 3.7 | 7.4 | 53.5 | 172.7 | 208.4 | 382.2 | (D) | FF | (D) |
| | South Dakota | 21 | 7 | .5 | 7.5 | .4 | .7 | 4.5 | 14.7 | 18.4 | 33.4 | .5 | .5 | 11.6 |
| | Tennessee | 174 | 86 | 24.2 | 460.9 | 18.1 | 35.1 | 307.5 | 783.1 | 1 076.5 | 1 992.4 | 469.4 | 25.4 | 686.6 |
| | Texas | 607 | 238 | 73.0 | 1 774.4 | 45.6 | 89.7 | 988.7 | 3 474.9 | 4 240.4 | 7 751.6 | 154.4 | 61.1 | 2 023.6 |
| | Utah | 49 | 14 | 9.0 | 230.3 | 4.0 | 9.0 | 84.9 | 543.1 | 289.6 | 839.7 | 31.4 | 5.9 | 195.9 |
| | Vermont | 22 | 9 | 2.4 | 47.8 | 2.1 | 4.2 | 38.7 | 70.3 | 45.5 | 114.0 | 2.7 | 1.5 | 32.5 |
| | Virginia | 129 | 55 | 36.4 | 681.7 | 30.7 | 60.0 | 590.6 | 1 421.5 | 1 339.6 | 2 769.5 | 133.1 | 36.7 | 953.5 |
| | Washington | 329 | 89 | 84.0 | 2 205.6 | 41.2 | 73.6 | 1 037.4 | 3 557.5 | 6 739.2 | 9 021.9 | 237.1 | 62.7 | 2 221.2 |
| | West Virginia | 25 | 8 | 1.5 | 29.7 | 1.1 | 1.6 | 18.3 | 43.0 | 103.5 | 152.2 | 2.5 | 3.7 | 107.7 |
| | Wisconsin | 165 | 71 | 26.9 | 728.6 | 21.0 | 42.3 | 547.9 | 1 596.6 | 2 971.5 | 4 599.9 | 152.1 | 37.0 | 1 494.1 |
| 371 | Motor vehicles and equipment | 3 867 | 1 749 | 615.6 | 15 393.4 | 485.3 | 923.2 | 11 522.4 | 34 293.5 | 77 677.9 | 112 269.6 | 4 264.4 | 876.3 | 37 023.1 |
| | Alabama | 61 | 38 | 7.6 | 156.2 | 5.6 | 11.0 | 104.5 | 344.0 | 445.5 | 789.0 | 64.2 | 5.9 | 149.8 |
| | Arkansas | 50 | 24 | 3.5 | 50.8 | 3.0 | 5.7 | 38.6 | 155.8 | 158.9 | 312.2 | (D) | 3.5 | 88.8 |
| | California | 624 | 225 | 28.8 | 610.4 | 21.9 | 42.6 | 433.6 | 1 500.8 | 3 175.5 | 4 691.6 | 57.2 | 48.6 | 1 977.6 |
| | Colorado | 45 | 15 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.7 | 38.3 |
| | Connecticut | 34 | 13 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 5.3 | 162.5 |
| | Delaware | 2 | 2 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Florida | 131 | 43 | 3.4 | 47.8 | 2.6 | 5.0 | 32.9 | 144.4 | 203.7 | 346.0 | (D) | EE | (D) |
| | Georgia | 73 | 32 | 13.5 | 304.6 | 11.2 | 19.5 | 235.9 | 747.6 | 2 461.4 | 3 207.5 | 57.1 | FF | (D) |
| | Illinois | 184 | 86 | 20.6 | 392.1 | 16.6 | 29.5 | 285.9 | 806.3 | 2 347.6 | 3 145.5 | 52.2 | 27.0 | 793.5 |
| | Indiana | 203 | 111 | 38.3 | 901.9 | 29.9 | 55.2 | 646.3 | 1 844.4 | 3 165.4 | 5 038.2 | 113.9 | 69.1 | 2 427.4 |
| | Iowa | 61 | 31 | 4.6 | 74.5 | 3.4 | 6.3 | 48.0 | 186.8 | 263.2 | 448.4 | (D) | 7.1 | 155.0 |
| | Kansas | 47 | 18 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Kentucky | 40 | 25 | 10.5 | 253.6 | 8.1 | 14.5 | 184.8 | 1 027.2 | 1 899.1 | 2 926.5 | 125.2 | 13.2 | 915.5 |
| | Louisiana | 25 | 6 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Maryland | 22 | 9 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Massachusetts | 59 | 23 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Michigan | 390 | 225 | 203.4 | 5 911.1 | 161.9 | 315.0 | 4 506.0 | 12 701.2 | 29 731.9 | 42 569.9 | 1 464.6 | 307.2 | 13 540.1 |
| | Minnesota | 61 | 22 | 3.6 | 80.7 | 2.9 | 5.2 | 62.2 | 407.6 | 674.0 | 1 084.5 | 12.4 | 4.1 | 174.8 |
| | Mississippi | 28 | 17 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Missouri | 102 | 55 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Nebraska | 23 | 8 | 2.4 | 39.5 | 1.9 | 3.7 | 30.2 | 155.0 | 97.1 | 251.5 | 3.5 | 2.8 | 83.5 |
| | New Hampshire | 4 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | New Jersey | 94 | 35 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | New Mexico | 9 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | New York | 152 | 54 | 21.7 | 550.4 | 17.7 | 33.6 | 432.6 | 756.8 | 2 570.4 | 3 332.0 | 175.7 | 32.9 | 1 099.0 |
| | North Carolina | 80 | 41 | 11.3 | 178.8 | 8.8 | 16.2 | 126.5 | 464.1 | 570.5 | 1 048.0 | 68.1 | 8.4 | 252.0 |
| | Ohio | 259 | 158 | 81.5 | 2 230.8 | 63.8 | 124.4 | 1 691.2 | 4 539.6 | 8 827.8 | 13 449.7 | 825.8 | 121.4 | 5 186.1 |
| | Oklahoma | 93 | 33 | 6.4 | 141.1 | 5.1 | 10.3 | 102.5 | 156.4 | 762.8 | 920.0 | 27.4 | 4.8 | 146.8 |
| | Oregon | 59 | 13 | 1.7 | 39.1 | 1.3 | 2.3 | 28.3 | 61.0 | 195.1 | 256.3 | (D) | 3.8 | 100.2 |
| | Pennsylvania | 156 | 80 | 22.0 | 462.2 | 16.6 | 28.0 | 338.3 | 866.6 | 1 487.3 | 2 381.8 | 30.5 | FF | (D) |
| | Rhode Island | 13 | 6 | .9 | 12.4 | .7 | 1.4 | 8.8 | 37.1 | 34.4 | 73.2 | 1.0 | CC | (D) |
| | South Carolina | 20 | 9 | 2.3 | 37.9 | 1.8 | 3.5 | 24.0 | 90.6 | 123.3 | 214.9 | (D) | 2.5 | 53.9 |
| | Tennessee | 92 | 55 | 14.7 | 260.2 | 10.8 | 20.2 | 162.8 | 573.0 | 669.0 | 1 245.7 | (D) | 16.6 | 476.5 |
| | Texas | 243 | 111 | 14.4 | 281.7 | 11.5 | 21.2 | 210.7 | 561.2 | 1 590.5 | 2 159.6 | 33.9 | 13.6 | 456.6 |
| | Utah | 20 | 7 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Virginia | 48 | 28 | 6.4 | 122.9 | 5.0 | 9.3 | 84.8 | 444.2 | 651.5 | 1 105.0 | (D) | 7.6 | 407.6 |
| | Washington | 47 | 10 | 2.2 | 51.4 | 1.2 | 2.4 | 28.4 | 80.5 | 179.3 | 269.3 | 3.5 | FF | (D) |
| | Wisconsin | 90 | 47 | 22.7 | 644.8 | 17.6 | 35.6 | 485.6 | 1 438.4 | 2 801.8 | 4 270.6 | 139.6 | 32.0 | 1 347.2 |
| 372 | Aircraft and parts | 1 471 | 730 | 538.6 | 14 717.5 | 288.5 | 572.8 | 6 987.1 | 29 402.2 | 25 956.6 | 52 026.7 | 1 680.3 | 430.8 | 14 731.7 |
| | Alabama | 6 | 6 | 4.7 | 95.3 | 3.2 | 6.5 | 63.9 | 160.4 | 61.3 | 219.8 | 9.6 | FF | (D) |
| | Arizona | 36 | 15 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Arkansas | 10 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) | (NA) |
| | California | 404 | 175 | 112.4 | 3 261.4 | 59.6 | 117.3 | 1 490.9 | 6 467.6 | 3 808.3 | 9 929.6 | 450.3 | 93.9 | 3 511.2 |
| | Colorado | 12 | 5 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Connecticut | 113 | 60 | 61.3 | 1 649.2 | 35.2 | 68.2 | 811.5 | 2 952.8 | 3 339.8 | 6 200.5 | 184.2 | FF | (D) |
| | Florida | 85 | 42 | 15.3 | 374.5 | 7.4 | 14.6 | 139.4 | 788.8 | 369.9 | 1 131.8 | 44.0 | FF | (D) |
| | Georgia | 17 | 11 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Illinois | 21 | 11 | 6.2 | 177.0 | 3.0 | 6.3 | 71.0 | 307.8 | 220.7 | 495.5 | (D) | 4.7 | 150.4 |
| | Indiana | 33 | 22 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Kansas | 62 | 30 | 32.8 | 814.9 | 18.5 | 37.0 | 432.4 | 1 662.3 | 1 255.6 | 2 859.4 | 106.1 | FF | (D) |
| | Maine | 3 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) | (NA) |
| | Maryland | 6 | 6 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Massachusetts | 30 | 21 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Michigan | 57 | 32 | 4.2 | 102.8 | 2.8 | 5.5 | 61.0 | 201.9 | 188.1 | 398.0 | 12.4 | 3.2 | 85.2 |
| | Minnesota | 14 | 5 | .5 | 12.4 | .3 | .6 | 7.1 | 19.0 | 12.3 | 30.8 | (D) | .4 | 9.2 |
| | Missouri | 23 | 14 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Nevada | 5 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) | (NA) |
| | New Hampshire | 7 | 5 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | New Jersey | 33 | 20 | 4.8 | 119.3 | 2.6 | 5.4 | 57.6 | 210.7 | 139.8 | 364.8 | 14.1 | FF | (D) |
| | New Mexico | 7 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | New York | 88 | 45 | 29.2 | 858.2 | 14.2 | 32.1 | 380.0 | 1 816.7 | 840.4 | 2 463.3 | 69.7 | 30.9 | 1 106.2 |
| | North Carolina | 5 | 5 | 1.0 | 24.7 | .7 | 1.5 | 15.0 | 56.9 | 61.1 | 102.1 | (D) | BB | (D) |
| | North Dakota | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | Ohio | 72 | 49 | 30.8 | 864.3 | 15.6 | 31.9 | 361.5 | 1 891.5 | 1 281.2 | 3 143.1 | 82.6 | 27.4 | 975.3 |
| | Oklahoma | 22 | 11 | 8.2 | 220.0 | 5.4 | 10.9 | 141.9 | 412.0 | 150.6 | 632.9 | 13.2 | FF | (D) |
| | Oregon | 11 | 6 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Pennsylvania | 31 | 24 | 10.7 | 270.5 | 6.7 | 12.5 | 146.0 | 528.1 | 402.6 | 888.9 | 34.2 | 11.7 | 336.8 |
| | Tennessee | 7 | 2 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Texas | 96 | 41 | 43.2 | 1 176.1 | 22.3 | 45.3 | 544.1 | 2 368.7 | 2 010.0 | 4 402.6 | 63.5 | 32.7 | 1 252.7 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | | 1977 | |
|----------|--|---------------------------------|---|--------------------------------|------------------------------|--------------------|---------------------|----------------------------|---|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All em- ployees ² (1,000) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 37 | Transportation equipment—Con. | | | | | | | | | | | | | |
| 372 | Aircraft and parts—Con. | | | | | | | | | | | | | |
| | Utah | 10 | 4 | .9 | 20.9 | .6 | 1.3 | 13.7 | 36.2 | 13.7 | 49.0 | (D) | (NA) | (NA) |
| | Vermont | 5 | 5 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Washington | 83 | 30 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| 373 | Ship and boat building and repairing | 2 566 | 762 | 205.0 | 4 325.8 | 161.5 | 319.3 | 3 194.0 | 7 508.6 | 5 822.7 | 13 326.4 | 496.1 | 220.2 | 4 681.4 |
| | Alabama | 58 | 23 | 5.4 | 91.9 | 4.7 | 8.9 | 76.0 | 164.5 | 136.5 | 300.6 | 4.6 | 3.9 | 70.6 |
| | Arkansas | 24 | 10 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.2 | 23.3 |
| | California | 334 | 85 | 21.5 | 554.2 | 18.5 | 35.3 | 426.0 | 946.4 | 597.3 | 1 542.5 | (D) | 21.6 | 515.6 |
| | Connecticut | 35 | 7 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Florida | 415 | 105 | 14.9 | 250.9 | 12.1 | 24.1 | 187.4 | 465.7 | 449.1 | 905.8 | 34.3 | 13.0 | 270.4 |
| | Georgia | 21 | 9 | .9 | 16.4 | .8 | 1.4 | 12.9 | 34.6 | 28.4 | 62.8 | 2.4 | .7 | 15.4 |
| | Illinois | 23 | 6 | .7 | 15.0 | .6 | 1.2 | 11.1 | 26.0 | 31.7 | 57.1 | (D) | EE | (D) |
| | Indiana | 27 | 14 | 2.1 | 35.5 | 1.6 | 2.9 | 23.4 | 79.9 | 81.4 | 162.1 | (D) | 2.8 | 61.4 |
| | Kentucky | 21 | 7 | .7 | 10.7 | .6 | 1.1 | 8.6 | 19.6 | 12.9 | 32.7 | 1.6 | .7 | 14.8 |
| | Louisiana | 196 | 107 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 19.0 | 463.4 |
| | Maine | 91 | 14 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Maryland | 56 | 13 | 3.4 | 76.6 | 2.4 | 4.4 | 52.2 | 136.7 | 76.1 | 213.8 | 2.7 | FF | (D) |
| | Massachusetts | 78 | 18 | 4.9 | 99.8 | 3.6 | 6.8 | 59.9 | 138.0 | 92.9 | 232.5 | 2.3 | 6.2 | 173.5 |
| | Michigan | 49 | 12 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 2.3 | 49.7 |
| | Minnesota | 29 | 10 | 1.0 | 15.2 | .8 | 1.6 | 10.6 | 30.8 | 37.3 | 68.3 | 1.1 | 1.6 | 31.6 |
| | Mississippi | 39 | 22 | 16.4 | 359.4 | 11.4 | 22.4 | 223.8 | 620.6 | 655.5 | 1 276.3 | 23.7 | FF | (D) |
| | Missouri | 22 | 10 | 1.7 | 30.3 | 1.3 | 2.6 | 21.1 | 52.0 | 45.4 | 97.1 | (D) | 1.8 | 39.7 |
| | New Jersey | 77 | 28 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | New York | 125 | 28 | 3.1 | 63.0 | 2.6 | 5.1 | 47.4 | 135.1 | 91.8 | 226.6 | (D) | FF | (D) |
| | North Carolina | 57 | 14 | 2.3 | 33.7 | 1.8 | 3.4 | 23.3 | 59.9 | 54.2 | 112.0 | (D) | 2.1 | 41.1 |
| | Ohio | 42 | 8 | 1.0 | 18.5 | .7 | 1.6 | 14.8 | 31.3 | 27.8 | 59.1 | 1.5 | EE | (D) |
| | Oregon | 62 | 12 | 2.9 | 86.9 | 2.4 | 5.1 | 71.3 | 143.6 | 91.0 | 234.3 | 2.9 | 1.8 | 51.9 |
| | Pennsylvania | 24 | 8 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Rhode Island | 31 | 12 | 1.6 | 27.3 | 1.2 | 2.7 | 19.5 | 49.7 | 50.3 | 100.2 | 1.9 | 1.0 | 19.8 |
| | South Carolina | 34 | 14 | 2.0 | 34.8 | 1.6 | 3.2 | 25.3 | 72.7 | 63.9 | 136.5 | (D) | 1.7 | 35.4 |
| | Tennessee | 44 | 19 | 1.8 | 27.0 | 1.4 | 2.5 | 18.2 | 49.1 | 70.5 | 119.8 | (D) | FF | (D) |
| | Texas | 166 | 51 | 11.3 | 236.8 | 8.9 | 17.8 | 183.3 | 401.3 | 391.2 | 793.5 | 52.4 | 11.0 | 212.2 |
| | Virginia | 66 | 23 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Washington | 175 | 44 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Wisconsin | 37 | 11 | 3.1 | 64.9 | 2.6 | 5.2 | 49.9 | 123.5 | 116.0 | 239.5 | 7.5 | FF | (D) |
| 374 | Railroad equipment | 200 | 107 | 34.5 | 790.4 | 22.8 | 38.9 | 478.7 | 1 491.8 | 1 770.5 | 3 456.6 | 142.3 | 56.3 | 1 882.8 |
| | Georgia | 10 | 6 | .6 | 8.9 | .4 | .6 | 4.9 | 14.7 | 44.4 | 61.1 | .8 | CC | (D) |
| | Illinois | 45 | 26 | 10.1 | 264.6 | 6.7 | 12.4 | 165.8 | 587.2 | 564.3 | 1 203.4 | 24.9 | 14.2 | 671.6 |
| | Indiana | 8 | 5 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | New York | 6 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Ohio | 13 | 7 | 1.7 | 41.8 | 1.0 | 1.8 | 25.9 | 37.7 | 66.6 | 128.7 | (D) | 3.8 | 92.0 |
| | Pennsylvania | 32 | 19 | 13.3 | 289.8 | 8.8 | 14.0 | 166.1 | 538.2 | 563.0 | 1 188.8 | (D) | 18.7 | 616.2 |
| | Texas | 10 | 5 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | West Virginia | 3 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| 375 | Motorcycles, bicycles, and parts | 273 | 67 | 13.0 | 224.9 | 10.4 | 19.0 | 168.8 | 402.5 | 888.9 | 1 341.1 | 23.1 | 15.6 | 369.8 |
| | California | 126 | 28 | 1.7 | 22.1 | 1.4 | 2.6 | 14.8 | 43.0 | 52.3 | 94.4 | (D) | 2.2 | 41.5 |
| | Illinois | 14 | 5 | 1.3 | 22.8 | .9 | 1.4 | 14.6 | 50.3 | 62.0 | 131.1 | 1.8 | 2.1 | 54.3 |
| | Massachusetts | 5 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.0 | 10.6 |
| | Nebraska | 3 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Ohio | 9 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Oklahoma | 2 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) | (NA) |
| | Pennsylvania | 5 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Tennessee | 9 | 3 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| 376 | Guided missiles, space vehicles, parts | 105 | 86 | 146.3 | 4 481.1 | 59.7 | 120.1 | 1 483.3 | 9 856.6 | 5 034.4 | 14 398.0 | 461.5 | 15.6 | 369.8 |
| | Alabama | 6 | 5 | 3.0 | 76.1 | 2.2 | 4.5 | 52.7 | 151.2 | 106.4 | 255.7 | 7.2 | EE | (D) |
| | Arizona | 7 | 5 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Arkansas | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) | (NA) |
| | California | 45 | 35 | 85.0 | 2 734.3 | 31.5 | 62.6 | 821.7 | 5 943.8 | 3 140.4 | 8 705.7 | 241.5 | 76.7 | 2 884.6 |
| | Colorado | 2 | 2 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Florida | 7 | 7 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 7.8 | 278.3 |
| | Georgia | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) | (NA) |
| | Louisiana | 1 | 1 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Maryland | 2 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | Michigan | 2 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Missouri | 2 | 2 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | New York | 3 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Ohio | 2 | 2 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Pennsylvania | 3 | 3 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Utah | 2 | 2 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Virginia | 1 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| 379 | Miscellaneous transportation equipment | 961 | 299 | 42.9 | 878.8 | 31.3 | 58.0 | 544.5 | 1 977.0 | 2 859.6 | 4 527.7 | 146.7 | 49.1 | 1 180.5 |
| | California | 148 | 41 | 8.8 | 216.0 | 5.6 | 10.9 | 120.2 | 449.9 | 731.5 | 1 092.3 | (D) | 10.0 | 262.4 |
| | Florida | 38 | 12 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .6 | 9.4 |
| | Georgia | 22 | 8 | 1.2 | 23.2 | .7 | 1.3 | 8.9 | 51.8 | 90.2 | 142.1 | 1.1 | 1.2 | 30.5 |
| | Illinois | 20 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .8 | 19.0 |
| | Indiana | 101 | 53 | 6.8 | 131.6 | 5.5 | 10.3 | 94.3 | 260.5 | 415.3 | 678.8 | 12.4 | 9.3 | 214.0 |
| | Kansas | 17 | 7 | .6 | 7.4 | .5 | .8 | 4.8 | 11.8 | 30.3 | 41.7 | .6 | CC | (D) |
| | Massachusetts | 16 | 5 | .6 | 12.9 | .3 | .6 | 6.5 | 32.0 | 43.7 | 74.6 | 1.7 | .6 | 14.5 |
| | Michigan | 56 | 24 | 4.0 | 102.0 | 3.1 | 5.4 | 63.0 | 328.0 | 258.6 | 479.2 | 2.9 | 5.0 | 147.0 |
| | Minnesota | 24 | 5 | .7 | 12.1 | .5 | .9 | 6.5 | 22.9 | 45.9 | 69.4 | .5 | 1.6 | 52.4 |
| | Nebraska | 5 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|--|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|------------------------------------|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All employees ² (1,000) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 37 | Transportation equipment—Con. | | | | | | | | | | | | | |
| 379 | Miscellaneous transportation equipment—Con. | | | | | | | | | | | | | |
| | New York | 18 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .2 | 4.3 |
| | Ohio | 32 | 15 | 4.4 | 113.2 | 3.3 | 6.6 | 71.5 | 328.9 | 522.5 | 711.9 | 2.2 | 1.7 | 24.9 |
| | Oklahoma | 17 | 8 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .9 | 15.2 |
| | Oregon | 33 | 7 | .6 | 11.9 | .5 | .9 | 7.1 | 23.9 | 36.4 | 60.4 | .5 | EE | (D) |
| | Pennsylvania | 45 | 19 | 5.1 | 94.8 | 3.7 | 6.3 | 64.3 | 189.4 | 249.3 | 463.9 | (D) | FF | (D) |
| | Texas | 83 | 27 | 2.1 | 29.1 | 1.6 | 2.9 | 18.8 | 58.2 | 101.2 | 162.0 | 2.1 | 2.5 | 53.5 |
| 38 | Instruments and related products .. | 8 045 | 3 015 | 623.6 | 12 882.9 | 363.3 | 696.0 | 5 917.1 | 33 672.2 | 17 875.2 | 51 797.6 | 2 103.0 | 559.1 | 18 762.0 |
| | Alabama | 54 | 21 | 2.9 | 41.3 | 2.0 | 3.8 | 24.9 | 114.2 | 114.7 | 230.2 | 14.0 | 2.5 | 68.1 |
| | Arizona | 80 | 25 | 5.8 | 114.4 | 2.4 | 4.3 | 26.3 | 251.5 | 119.0 | 374.4 | 20.8 | 4.7 | 141.3 |
| | Arkansas | 31 | 10 | 2.9 | 41.8 | 2.3 | 4.1 | 28.1 | 119.8 | 75.2 | 193.8 | 4.8 | 4.8 | 136.8 |
| | California | 1 642 | 574 | 91.8 | 1 959.1 | 49.9 | 96.5 | 806.6 | 4 341.3 | 2 141.2 | 6 509.2 | 298.1 | 69.0 | 1 939.3 |
| | Colorado | 170 | 55 | 20.4 | 487.1 | 10.0 | 18.1 | 177.2 | 1 232.9 | 1 143.6 | 2 374.6 | 149.6 | 17.0 | 706.8 |
| | Connecticut | 237 | 128 | 23.4 | 440.6 | 13.5 | 26.7 | 208.3 | 1 262.4 | 777.1 | 2 017.3 | 78.9 | 21.1 | 633.2 |
| | Delaware | 19 | 7 | 2.8 | 66.2 | 1.5 | 2.8 | 25.6 | 278.0 | 133.2 | 402.5 | (D) | EE | (D) |
| | Florida | 307 | 80 | 12.4 | 188.8 | 8.2 | 16.1 | 107.2 | 511.0 | 291.1 | 782.6 | 26.5 | 8.3 | 193.1 |
| | Georgia | 89 | 30 | 5.5 | 87.4 | 3.9 | 7.4 | 47.2 | 267.1 | 150.6 | 416.8 | 15.7 | 4.0 | 100.2 |
| | Illinois | 452 | 186 | 33.0 | 642.0 | 19.1 | 34.9 | 292.7 | 1 383.0 | 964.0 | 2 366.1 | 61.1 | 43.9 | 1 189.7 |
| | Indiana | 139 | 54 | 11.0 | 209.2 | 7.4 | 14.8 | 114.3 | 580.9 | 289.2 | 844.4 | 27.9 | FF | (D) |
| | Iowa | 39 | 10 | 1.9 | 36.1 | 1.2 | 2.3 | 20.8 | 95.5 | 35.1 | 131.2 | 4.3 | 2.9 | 63.1 |
| | Kansas | 53 | 20 | 3.0 | 45.9 | 2.1 | 4.1 | 28.4 | 89.9 | 60.1 | 149.8 | 4.3 | 3.3 | 71.1 |
| | Kentucky | 29 | 12 | 2.4 | 39.9 | 1.9 | 3.3 | 27.2 | 202.8 | 141.8 | 345.6 | (D) | 3.3 | 96.6 |
| | Louisiana | 43 | 15 | 1.6 | 30.6 | .9 | 1.8 | 14.2 | 70.3 | 35.5 | 106.7 | 4.0 | .7 | 14.2 |
| | Maine | 21 | 7 | .6 | 9.5 | .4 | .8 | 5.7 | 17.3 | 10.9 | 28.3 | 1.0 | .4 | 9.1 |
| | Maryland | 130 | 42 | 3.5 | 59.6 | 2.5 | 4.9 | 35.4 | 117.3 | 79.9 | 197.5 | 7.0 | 3.1 | 72.8 |
| | Massachusetts | 458 | 210 | 49.4 | 1 006.7 | 28.3 | 55.1 | 473.1 | 2 607.5 | 1 272.5 | 3 839.5 | 141.2 | 47.5 | 1 553.5 |
| | Michigan | 264 | 100 | 13.2 | 268.4 | 8.3 | 16.4 | 151.1 | 570.1 | 310.3 | 892.6 | 27.0 | 11.6 | 332.5 |
| | Minnesota | 166 | 68 | 17.8 | 372.9 | 10.6 | 19.9 | 173.6 | 965.7 | 522.9 | 1 488.7 | 64.2 | 13.8 | 415.7 |
| | Mississippi | 26 | 15 | 1.5 | 19.5 | 1.2 | 2.4 | 13.2 | 48.9 | 49.6 | 102.6 | (D) | 2.0 | 32.0 |
| | Missouri | 114 | 46 | 5.4 | 95.3 | 3.3 | 6.1 | 46.7 | 212.1 | 124.8 | 339.0 | 13.3 | 4.8 | 106.5 |
| | Nebraska | 24 | 14 | 3.6 | 57.2 | 3.0 | 5.9 | 44.5 | 238.5 | 102.7 | 340.3 | 18.5 | 3.5 | 145.6 |
| | Nevada | 21 | 5 | 1.5 | 30.4 | .7 | 1.7 | 12.7 | 49.6 | 36.6 | 83.9 | (D) | .8 | 21.6 |
| | New Hampshire | 68 | 31 | 7.1 | 124.3 | 5.0 | 8.8 | 74.8 | 283.3 | 181.7 | 460.9 | 17.2 | 6.7 | 169.3 |
| | New Jersey | 445 | 185 | 28.9 | 627.1 | 16.2 | 31.6 | 264.1 | 1 283.1 | 977.5 | 2 268.8 | 69.2 | 28.6 | 885.7 |
| | New Mexico | 24 | 6 | .8 | 15.3 | .5 | 1.2 | 7.7 | 23.2 | 14.7 | 44.1 | .8 | .5 | 9.4 |
| | New York | 799 | 297 | 112.0 | 2 820.9 | 60.7 | 116.8 | 1 280.4 | 8 872.3 | 4 052.8 | 13 256.3 | 584.0 | 100.6 | 5 424.7 |
| | North Carolina | 98 | 33 | 9.6 | 173.4 | 6.5 | 12.1 | 90.7 | 510.5 | 292.0 | 806.4 | 21.3 | 8.4 | 276.4 |
| | Ohio | 340 | 144 | 22.8 | 404.7 | 14.3 | 25.6 | 192.2 | 898.3 | 441.3 | 1 347.4 | 43.8 | 23.1 | 518.5 |
| | Oklahoma | 78 | 22 | 3.7 | 77.0 | 2.2 | 4.3 | 36.4 | 304.1 | 121.2 | 422.2 | 20.0 | 2.5 | 141.5 |
| | Oregon | 96 | 22 | 16.5 | 363.6 | 8.5 | 15.9 | 113.7 | 1 058.7 | 268.4 | 1 299.6 | (D) | FF | (D) |
| | Pennsylvania | 407 | 169 | 37.8 | 763.1 | 21.8 | 42.1 | 369.6 | 1 778.7 | 871.2 | 2 647.3 | 84.7 | 38.0 | 1 151.5 |
| | Rhode Island | 62 | 31 | 5.7 | 87.1 | 3.9 | 7.5 | 48.7 | 218.5 | 114.5 | 342.2 | 6.8 | 6.0 | 156.2 |
| | South Carolina | 33 | 17 | 6.3 | 95.7 | 4.7 | 9.5 | 62.7 | 224.7 | 215.3 | 442.3 | (D) | 4.7 | 126.8 |
| | South Dakota | 7 | 5 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Tennessee | 71 | 25 | 5.0 | 87.8 | 2.9 | 5.9 | 37.7 | 224.0 | 113.9 | 337.6 | 10.9 | 3.8 | 89.6 |
| | Texas | 407 | 134 | 18.2 | 322.1 | 11.7 | 22.0 | 163.4 | 889.6 | 531.6 | 1 404.9 | 57.9 | 14.1 | 435.7 |
| | Utah | 50 | 14 | 4.8 | 73.2 | 3.1 | 6.0 | 34.0 | 157.0 | 73.7 | 235.0 | 10.3 | FF | (D) |
| | Vermont | 16 | 6 | 1.3 | 23.6 | .9 | 2.0 | 12.7 | 51.6 | 15.7 | 67.8 | 1.8 | EE | (D) |
| | Virginia | 93 | 33 | 5.3 | 81.6 | 3.5 | 7.5 | 41.3 | 188.7 | 122.7 | 304.3 | 6.0 | 4.1 | 91.7 |
| | Washington | 129 | 35 | 7.2 | 155.4 | 4.3 | 8.3 | 67.6 | 388.2 | 136.7 | 512.2 | 35.1 | 3.2 | 101.5 |
| | West Virginia | 18 | 5 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .9 | 69.0 |
| | Wisconsin | 143 | 59 | 10.1 | 177.4 | 6.0 | 10.8 | 82.8 | 357.0 | 231.6 | 593.6 | 19.0 | 9.9 | 234.0 |
| 381 | Engineering and scientific instruments | 771 | 272 | 42.8 | 869.1 | 25.9 | 49.8 | 439.9 | 2 101.1 | 974.2 | 3 046.2 | 102.8 | 42.3 | 1 287.2 |
| | Arizona | 11 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Arkansas | 5 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | AA | (D) |
| | California | 158 | 54 | 5.7 | 124.9 | 3.3 | 6.6 | 59.5 | 301.2 | 132.9 | 439.0 | 23.2 | 5.7 | 183.5 |
| | Connecticut | 22 | 11 | 1.1 | 21.9 | .7 | 1.3 | 10.8 | 62.9 | 28.0 | 91.9 | (D) | 1.0 | 31.8 |
| | Delaware | 3 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Florida | 32 | 7 | 1.6 | 23.5 | 1.2 | 2.0 | 15.5 | 93.6 | 48.0 | 134.5 | 2.0 | 1.0 | 26.0 |
| | Illinois | 38 | 17 | 1.6 | 31.7 | 1.0 | 1.7 | 14.6 | 71.6 | 43.7 | 114.9 | 1.5 | 2.6 | 88.4 |
| | Iowa | 5 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .8 | 20.0 |
| | Kansas | 9 | 5 | .6 | 8.5 | .4 | .8 | 4.9 | 13.6 | 7.7 | 21.6 | .5 | .5 | 10.4 |
| | Louisiana | 9 | 5 | .6 | 14.8 | .3 | .6 | 4.8 | 42.3 | 16.6 | 59.2 | 2.3 | (NA) | (NA) |
| | Massachusetts | 56 | 21 | 2.8 | 61.0 | 1.7 | 3.6 | 35.0 | 127.0 | 59.3 | 178.6 | (D) | 2.9 | 87.9 |
| | Michigan | 34 | 15 | 4.3 | 92.4 | 3.0 | 5.9 | 63.7 | 173.6 | 69.6 | 249.4 | 9.4 | 3.4 | 85.0 |
| | Minnesota | 9 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .7 | 29.5 |
| | New Jersey | 49 | 21 | 3.9 | 89.3 | 2.1 | 4.5 | 41.0 | 132.0 | 99.2 | 241.5 | 3.9 | 3.9 | 118.2 |
| | New York | 63 | 22 | 2.1 | 37.8 | 1.3 | 2.6 | 16.9 | 81.6 | 47.9 | 128.7 | 2.1 | 1.9 | 56.4 |
| | North Carolina | 5 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | Ohio | 30 | 6 | .7 | 11.9 | .4 | .7 | 5.5 | 24.9 | 15.4 | 39.8 | .8 | 1.2 | 29.4 |
| | Pennsylvania | 39 | 20 | 3.4 | 66.1 | 2.4 | 4.6 | 43.1 | 170.0 | 92.0 | 252.3 | 7.7 | 2.4 | 78.6 |
| | Texas | 40 | 11 | 1.0 | 19.8 | .6 | 1.1 | 9.9 | 44.9 | 18.8 | 63.8 | 2.5 | 1.2 | 30.6 |
| | Virginia | 8 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .3 | 9.0 |
| | Washington | 12 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Wisconsin | 15 | 5 | 2.5 | 41.7 | 1.1 | 1.8 | 16.2 | 73.7 | 34.7 | 111.0 | 3.6 | FF | (D) |
| 382 | Measuring and controlling devices .. | 2 483 | 1 060 | 227.7 | 4 646.4 | 124.1 | 234.5 | 1 946.7 | 10 007.3 | 4 587.8 | 14 632.8 | 601.5 | 200.1 | 5 242.3 |
| | Alabama | 18 | 9 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.0 | 30.7 |
| | Arizona | 24 | 9 | 2.5 | 64.1 | .4 | .8 | 7.6 | 102.9 | 56.4 | 173.2 | 9.2 | AA | (D) |
| | California | 552 | 212 | 43.2 | 979.9 | 21.1 | 39.8 | 364.7 | 1 890.8 | 883.8 | 2 798.3 | 115.1 | 34.8 | 929.2 |
| | Colorado | 56 | 21 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Connecticut | 100 | 52 | 9.1 | 171.9 | 4.9 | 9.9 | 73.7 | 344.1 | 162.0 | 506.0 | 12.0 | 7.6 | 197.9 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|--|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|------------------------------------|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All employees ² (1,000) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 38 | Instruments and related products—Con. | | | | | | | | | | | | | |
| 382 | Measuring and controlling devices—Con. | | | | | | | | | | | | | |
| | Florida | 66 | 19 | 1.6 | 24.1 | 1.0 | 1.9 | 11.1 | 58.4 | 29.8 | 88.0 | 3.1 | .9 | 17.4 |
| | Georgia | 15 | 6 | 1.5 | 23.0 | 1.0 | 1.9 | 12.5 | 56.8 | 55.9 | 117.4 | 2.8 | .7 | 18.3 |
| | Illinois | 120 | 64 | 15.3 | 287.6 | 8.8 | 15.9 | 138.0 | 573.4 | 422.6 | 1 009.7 | 33.3 | 20.1 | 532.2 |
| | Indiana | 43 | 21 | 4.5 | 73.6 | 3.1 | 6.1 | 46.1 | 149.0 | 75.9 | 218.8 | 8.9 | 4.7 | 100.8 |
| | Iowa | 13 | 4 | .9 | 15.1 | .6 | 1.1 | 10.5 | 34.1 | 13.0 | 48.2 | .8 | 1.5 | 33.3 |
| | Kansas | 14 | 5 | .6 | 10.3 | .4 | .8 | 5.7 | 19.1 | 13.5 | 32.1 | .8 | .3 | 8.5 |
| | Kentucky | 9 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.6 | 49.2 |
| | Louisiana | 12 | 5 | .7 | 10.6 | .4 | .8 | 6.1 | 18.7 | 13.7 | 32.5 | .9 | BB | (D) |
| | Maryland | 39 | 16 | 1.2 | 21.6 | .8 | 1.5 | 11.5 | 47.8 | 24.0 | 71.0 | 1.4 | .8 | 14.9 |
| | Massachusetts | 143 | 70 | 19.4 | 385.2 | 10.3 | 20.0 | 166.6 | 966.8 | 409.9 | 1 385.7 | 69.5 | 19.3 | 501.5 |
| | Michigan | 111 | 44 | 3.8 | 76.4 | 1.9 | 4.0 | 35.0 | 149.4 | 91.5 | 240.0 | 4.7 | 2.9 | 94.8 |
| | Minnesota | 45 | 19 | 9.6 | 219.1 | 5.4 | 10.4 | 97.6 | 504.0 | 175.4 | 688.1 | 41.2 | FF | (D) |
| | Missouri | 24 | 11 | 1.5 | 29.6 | .8 | 1.4 | 12.2 | 65.6 | 34.8 | 96.9 | 3.9 | 1.3 | 33.3 |
| | Nevada | 8 | 4 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | New Hampshire | 21 | 13 | 3.6 | 66.8 | 2.5 | 4.4 | 38.3 | 144.5 | 56.0 | 199.2 | 8.1 | 4.8 | 124.0 |
| | New Jersey | 127 | 56 | 7.5 | 160.4 | 3.8 | 7.4 | 59.5 | 320.4 | 183.6 | 493.1 | 11.9 | 6.1 | 183.6 |
| | New Mexico | 8 | 4 | .5 | 10.2 | .3 | .7 | 4.7 | 20.9 | 8.0 | 30.5 | .3 | BB | (D) |
| | New York | 186 | 87 | 13.8 | 275.5 | 7.2 | 13.7 | 107.5 | 541.2 | 272.1 | 814.7 | (D) | 10.8 | 298.2 |
| | North Carolina | 32 | 10 | 3.3 | 58.8 | 2.0 | 3.5 | 27.7 | 122.6 | 41.7 | 163.5 | 5.4 | 2.8 | 75.4 |
| | Ohio | 138 | 69 | 14.4 | 260.3 | 8.9 | 15.3 | 118.0 | 542.7 | 249.9 | 798.1 | 27.8 | 16.0 | 353.3 |
| | Oklahoma | 28 | 11 | 1.8 | 42.4 | .8 | 1.5 | 14.3 | 83.6 | 29.1 | 109.0 | 8.8 | 1.2 | 31.5 |
| | Oregon | 24 | 5 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Pennsylvania | 130 | 64 | 18.9 | 399.0 | 10.2 | 20.0 | 182.7 | 841.4 | 355.8 | 1 205.8 | 37.4 | 20.3 | 600.9 |
| | Rhode Island | 21 | 11 | 1.3 | 18.2 | .7 | 1.2 | 6.5 | 45.2 | 19.9 | 65.1 | 2.2 | 1.7 | 46.0 |
| | South Carolina | 9 | 5 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.8 | 48.5 |
| | Tennessee | 21 | 6 | 1.8 | 37.5 | .8 | 1.9 | 12.6 | 74.5 | 27.5 | 102.8 | (D) | 1.0 | 19.2 |
| | Texas | 151 | 60 | 6.7 | 134.2 | 3.9 | 7.3 | 61.7 | 284.7 | 166.9 | 451.3 | 23.5 | 4.1 | 128.4 |
| | Vermont | 4 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Virginia | 22 | 8 | .8 | 11.5 | .5 | 1.0 | 6.6 | 25.2 | 8.4 | 33.6 | .7 | 1.1 | 26.8 |
| | Washington | 42 | 15 | 4.1 | 89.1 | 2.4 | 4.9 | 40.5 | 222.1 | 81.3 | 298.8 | 26.3 | 1.4 | 46.6 |
| | Wisconsin | 49 | 21 | 3.1 | 61.3 | 1.8 | 3.4 | 27.6 | 115.1 | 63.8 | 179.8 | 8.7 | 2.4 | 61.8 |
| 383 | Optical instruments and lenses..... | 638 | 294 | 50.0 | 1 025.5 | 25.5 | 50.3 | 427.9 | 2 368.2 | 1 420.0 | 3 757.3 | 150.8 | 30.0 | 897.4 |
| | California | 168 | 80 | 11.0 | 244.9 | 5.5 | 10.9 | 95.5 | 654.4 | 376.4 | 1 040.9 | 42.2 | 5.7 | 192.6 |
| | Colorado | 10 | 6 | .6 | 11.6 | .4 | .7 | 5.6 | 25.7 | 12.4 | 36.9 | 1.0 | .6 | 13.2 |
| | Connecticut | 20 | 10 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Florida | 21 | 9 | 2.6 | 37.8 | 1.4 | 3.0 | 21.4 | 97.2 | 71.9 | 171.4 | 4.4 | .3 | 8.5 |
| | Illinois | 31 | 12 | 1.8 | 40.6 | 1.1 | 2.0 | 16.7 | 88.8 | 51.3 | 138.9 | 2.5 | 1.4 | 38.2 |
| | Indiana | 7 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | AA | (D) |
| | Maryland | 17 | 7 | .7 | 15.0 | .6 | 1.2 | 10.0 | 25.1 | 19.7 | 45.0 | 2.1 | .5 | 11.1 |
| | Massachusetts | 64 | 38 | 8.3 | 183.1 | 3.3 | 6.3 | 59.1 | 347.3 | 217.0 | 568.1 | (D) | 4.9 | 136.7 |
| | Michigan | 14 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .7 | 25.3 |
| | New Hampshire | 11 | 5 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | New Jersey | 31 | 13 | 1.2 | 25.6 | .7 | 1.3 | 12.3 | 56.0 | 30.3 | 86.2 | 4.7 | .7 | 17.3 |
| | New York | 75 | 25 | 4.5 | 88.6 | 1.9 | 3.9 | 33.4 | 163.1 | 102.2 | 230.4 | 8.1 | 4.3 | 129.4 |
| | Ohio | 16 | 10 | 1.7 | 33.3 | 1.1 | 2.0 | 14.3 | 59.8 | 28.0 | 88.2 | 3.5 | CC | (D) |
| | Oregon | 8 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | Pennsylvania | 34 | 20 | 2.7 | 55.7 | 1.3 | 2.6 | 21.3 | 104.1 | 62.1 | 168.8 | 4.4 | 1.5 | 53.5 |
| | Texas | 25 | 16 | 2.8 | 51.7 | 1.7 | 3.2 | 23.5 | 129.9 | 61.3 | 189.9 | 10.1 | 1.5 | 29.5 |
| 384 | Medical instruments and supplies .. | 2 711 | 894 | 141.3 | 2 491.9 | 94.4 | 180.9 | 1 282.6 | 6 978.4 | 3 958.9 | 10 863.3 | 439.5 | 113.5 | 3 261.9 |
| | Alabama | 22 | 8 | 1.3 | 18.2 | .9 | 1.8 | 11.9 | 36.5 | 69.1 | 108.3 | (D) | .8 | 23.7 |
| | Arizona | 21 | 6 | .8 | 11.9 | .6 | 1.2 | 6.0 | 37.6 | 29.4 | 67.1 | (D) | BB | (D) |
| | California | 500 | 152 | 23.1 | 426.7 | 14.9 | 29.1 | 199.1 | 1 068.2 | 463.3 | 1 515.3 | 85.7 | 15.5 | 405.5 |
| | Colorado | 67 | 21 | 2.4 | 43.4 | 1.4 | 2.6 | 16.1 | 105.2 | 50.9 | 155.9 | 13.7 | 1.6 | 48.2 |
| | Connecticut | 64 | 37 | 5.9 | 94.7 | 4.2 | 7.9 | 55.5 | 405.3 | 182.7 | 576.5 | 49.2 | 4.3 | 134.7 |
| | Delaware | 7 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Florida | 133 | 27 | 3.5 | 53.5 | 2.6 | 4.6 | 30.1 | 163.0 | 64.8 | 222.5 | 10.7 | 2.8 | 76.3 |
| | Georgia | 47 | 14 | 2.0 | 30.4 | 1.5 | 2.9 | 19.3 | 163.3 | 72.3 | 234.4 | 4.7 | 1.8 | 48.4 |
| | Illinois | 144 | 53 | 7.0 | 136.7 | 4.5 | 8.7 | 70.7 | 342.7 | 200.6 | 545.5 | 11.8 | 7.5 | 274.7 |
| | Indiana | 67 | 23 | 4.2 | 91.0 | 2.9 | 6.1 | 46.3 | 322.7 | 109.0 | 416.1 | 11.7 | FF | (D) |
| | Kansas | 22 | 6 | 1.4 | 18.8 | 1.1 | 2.0 | 13.0 | 39.9 | 27.6 | 67.5 | 2.2 | 1.5 | 33.9 |
| | Kentucky | 15 | 6 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Maryland | 36 | 9 | .7 | 10.7 | .5 | .8 | 5.6 | 23.6 | 18.1 | 41.4 | 2.4 | (NA) | (NA) |
| | Massachusetts | 120 | 48 | 5.3 | 94.8 | 3.3 | 6.3 | 43.9 | 221.3 | 108.2 | 325.2 | 11.1 | FF | (D) |
| | Michigan | 74 | 23 | 2.8 | 52.2 | 1.7 | 3.1 | 23.4 | 127.6 | 77.3 | 204.8 | 7.3 | 2.6 | 68.7 |
| | Minnesota | 76 | 27 | 3.6 | 61.8 | 2.3 | 4.4 | 29.9 | 163.8 | 79.9 | 241.1 | 11.6 | 2.7 | 53.6 |
| | Missouri | 57 | 24 | 3.0 | 49.5 | 2.0 | 3.5 | 25.8 | 109.4 | 64.0 | 179.4 | 6.3 | 2.2 | 45.8 |
| | Nebraska | 11 | 7 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | New Hampshire | 21 | 9 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .4 | 8.9 |
| | New Jersey | 134 | 55 | 10.0 | 231.6 | 5.4 | 10.4 | 90.5 | 568.5 | 365.2 | 934.3 | 24.5 | 10.6 | 349.2 |
| | New York | 246 | 77 | 12.2 | 211.3 | 8.2 | 15.9 | 113.1 | 529.0 | 462.1 | 982.0 | 29.1 | 10.3 | 273.4 |
| | North Carolina | 40 | 15 | 3.3 | 53.7 | 2.5 | 4.8 | 30.8 | 134.6 | 106.7 | 235.7 | 3.8 | 2.2 | 58.7 |
| | Ohio | 118 | 47 | 5.2 | 83.7 | 3.4 | 6.5 | 45.1 | 236.2 | 126.8 | 365.6 | 10.9 | 4.2 | 91.1 |
| | Oregon | 45 | 7 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .9 | 28.6 |
| | Pennsylvania | 141 | 50 | 10.3 | 189.3 | 6.3 | 11.8 | 94.4 | 441.2 | 247.6 | 683.9 | 26.9 | 10.8 | 285.1 |
| | Rhode Island | 21 | 8 | 2.5 | 39.1 | 1.9 | 3.7 | 24.2 | 119.9 | 51.9 | 172.7 | 2.9 | 2.3 | 67.9 |
| | South Carolina | 18 | 10 | 3.4 | 51.4 | 2.7 | 5.4 | 34.7 | 118.5 | 143.4 | 267.9 | (D) | EE | (D) |
| | South Dakota | 2 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Tennessee | 31 | 13 | 2.1 | 34.0 | 1.2 | 2.6 | 15.9 | 127.4 | 63.7 | 188.5 | 5.5 | 1.0 | 35.6 |
| | Texas | 131 | 33 | 6.5 | 98.1 | 4.7 | 8.8 | 58.0 | 389.4 | 252.9 | 626.6 | 17.8 | 4.4 | 186.7 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|---|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|------------------------------------|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All employees ² (1,000) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 38 | Instruments and related products — Con. | | | | | | | | | | | | | |
| 384 | Medical instruments and supplies — Con. | | | | | | | | | | | | | |
| | Utah | 28 | 7 | 4.2 | 62.9 | 2.8 | 5.4 | 29.9 | 139.6 | 57.5 | 199.2 | 9.6 | FF | (D) |
| | Virginia | 28 | 8 | .7 | 11.0 | .5 | .9 | 6.4 | 36.6 | 16.6 | 51.3 | 1.3 | .6 | 12.8 |
| | Washington | 48 | 10 | .8 | 15.2 | .4 | .9 | 5.9 | 37.2 | 19.8 | 55.4 | (D) | .3 | 7.9 |
| | Wisconsin | 46 | 20 | 2.9 | 47.9 | 2.1 | 3.9 | 26.6 | 112.4 | 82.8 | 196.6 | 4.6 | 2.8 | 68.7 |
| 385 | Ophthalmic goods | 410 | 122 | 25.8 | 408.7 | 17.1 | 34.5 | 212.6 | 874.2 | 386.4 | 1 273.0 | 41.0 | 30.0 | 656.2 |
| | Arizona | 10 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) | (NA) |
| | California | 73 | 19 | 3.1 | 52.5 | 1.9 | 3.7 | 27.3 | 102.4 | 32.5 | 137.8 | 5.8 | 2.1 | 46.7 |
| | Florida | 28 | 12 | 1.8 | 27.8 | 1.5 | 3.2 | 19.8 | 48.1 | 26.1 | 73.1 | 4.2 | 2.2 | 39.2 |
| | Massachusetts | 30 | 13 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 6.7 | 141.5 |
| | Minnesota | 7 | 5 | .9 | 10.4 | .7 | 1.2 | 8.2 | 35.2 | 17.6 | 46.2 | .9 | 1.0 | 22.5 |
| | New Jersey | 16 | 8 | .9 | 12.1 | .7 | 1.3 | 6.4 | 22.0 | 14.5 | 36.3 | .6 | 1.1 | 22.2 |
| | New York | 51 | 17 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 7.7 | 200.9 |
| | Rhode Island | 7 | 3 | 1.0 | 15.5 | .8 | 1.7 | 11.1 | 32.0 | 15.7 | 50.4 | (D) | EE | (D) |
| | Texas | 23 | 4 | .6 | 7.6 | .4 | .9 | 4.4 | 15.9 | 8.4 | 23.7 | .6 | .5 | 12.9 |
| | Virginia | 7 | 6 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| 386 | Photographic equipment and supplies | 795 | 286 | 119.3 | 3 193.1 | 64.1 | 123.7 | 1 457.2 | 10 859.5 | 5 859.7 | 17 037.5 | 752.6 | 111.7 | 6 732.4 |
| | California | 159 | 49 | 5.2 | 124.5 | 2.9 | 5.8 | 56.9 | 314.5 | 243.3 | 558.4 | 25.8 | 4.5 | 163.3 |
| | Colorado | 11 | 3 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Connecticut | 18 | 11 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .4 | 22.0 |
| | Florida | 18 | 5 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Illinois | 78 | 29 | 5.6 | 124.3 | 2.3 | 4.3 | 39.5 | 268.3 | 204.1 | 477.2 | 9.2 | 7.7 | 172.0 |
| | Indiana | 10 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Massachusetts | 34 | 16 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Michigan | 14 | 9 | .8 | 19.2 | .6 | 1.2 | 12.5 | 45.2 | 23.5 | 70.5 | (D) | .5 | 16.6 |
| | Minnesota | 16 | 9 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | New Jersey | 70 | 27 | 5.0 | 102.3 | 3.1 | 6.2 | 50.9 | 173.6 | 276.8 | 458.2 | 23.4 | 5.2 | 177.0 |
| | New York | 122 | 48 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 60.8 | 4 356.2 |
| | North Carolina | 6 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Ohio | 21 | 9 | .7 | 13.5 | .5 | .9 | 8.2 | 30.5 | 18.4 | 48.7 | .8 | .7 | 21.2 |
| | Oklahoma | 8 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Oregon | 10 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Pennsylvania | 34 | 8 | 1.6 | 37.2 | .9 | 1.8 | 19.0 | 192.1 | 77.5 | 269.4 | 7.9 | 1.2 | 101.4 |
| | Texas | 31 | 9 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | Virginia | 16 | 4 | .5 | 9.0 | .2 | .4 | 3.8 | 18.3 | 11.7 | 29.2 | (D) | .3 | 9.6 |
| | Wisconsin | 18 | 9 | 1.0 | 15.9 | .5 | 1.0 | 6.4 | 38.2 | 34.4 | 73.3 | 1.6 | 1.1 | 28.9 |
| 387 | Watches, clocks, and watchcases .. | 237 | 87 | 16.8 | 248.1 | 12.3 | 22.4 | 150.2 | 483.5 | 688.2 | 1 187.6 | 14.6 | 31.5 | 684.5 |
| | Arkansas | 1 | 1 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Connecticut | 8 | 6 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | FF | (D) |
| | Georgia | 4 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Illinois | 17 | 6 | 1.4 | 17.6 | 1.1 | 1.8 | 11.0 | 29.3 | 36.7 | 65.8 | 2.4 | 6.5 | 63.8 |
| | Massachusetts | 11 | 4 | .8 | 14.0 | .7 | 1.2 | 10.1 | 24.6 | 18.0 | 43.4 | (D) | CC | (D) |
| | Michigan | 9 | 5 | .9 | 15.4 | .6 | 1.2 | 8.6 | 37.0 | 31.5 | 70.5 | (D) | 1.3 | 35.7 |
| | Mississippi | 4 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | New York | 56 | 21 | 2.8 | 49.6 | 1.8 | 3.3 | 26.6 | 57.1 | 145.2 | 215.7 | 1.6 | 4.8 | 110.3 |
| | North Carolina | 7 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Pennsylvania | 9 | 5 | .5 | 8.6 | .4 | .7 | 4.7 | 19.2 | 29.6 | 48.9 | .2 | 1.1 | 16.5 |
| | Tennessee | 5 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Virginia | 4 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| 39 | Miscellaneous manufacturing industries | 15 871 | 3 568 | 382.6 | 5 646.9 | 280.8 | 522.8 | 3 413.6 | 14 059.1 | 12 791.2 | 26 891.4 | 629.2 | 440.7 | 10 291.0 |
| | Alabama | 111 | 28 | 4.6 | 62.6 | 3.6 | 6.8 | 40.5 | 141.7 | 161.0 | 300.6 | 9.0 | 4.5 | 85.0 |
| | Arizona | 204 | 25 | 2.7 | 36.4 | 2.0 | 3.7 | 23.5 | 93.2 | 62.9 | 153.9 | 4.3 | 2.3 | 50.0 |
| | Arkansas | 98 | 25 | 3.1 | 39.5 | 2.4 | 4.3 | 23.8 | 86.0 | 75.7 | 172.5 | 3.8 | 3.7 | 77.1 |
| | California | 2 170 | 408 | 38.3 | 578.8 | 27.7 | 51.8 | 335.1 | 1 667.0 | 1 469.2 | 3 119.5 | 60.1 | 40.0 | 1 070.3 |
| | Colorado | 228 | 43 | 4.1 | 56.2 | 3.0 | 5.5 | 36.0 | 129.1 | 94.0 | 223.0 | (D) | 4.0 | 84.5 |
| | Connecticut | 274 | 74 | 10.6 | 185.9 | 7.5 | 14.2 | 105.3 | 428.1 | 289.0 | 720.9 | 22.5 | 13.0 | 366.8 |
| | Florida | 694 | 103 | 8.5 | 106.5 | 6.2 | 11.4 | 62.4 | 234.0 | 240.1 | 473.4 | 11.8 | 7.0 | 137.5 |
| | Georgia | 206 | 46 | 6.2 | 83.6 | 5.1 | 10.9 | 57.5 | 216.4 | 213.1 | 426.1 | 27.0 | 6.7 | 146.7 |
| | Hawaii | 85 | 11 | .7 | 8.3 | .5 | .9 | 4.9 | 19.1 | 20.7 | 38.7 | .4 | EE | (D) |
| | Illinois | 744 | 223 | 27.8 | 472.7 | 20.1 | 38.6 | 273.1 | 1 092.9 | 1 157.5 | 2 255.7 | 45.6 | 34.7 | 784.2 |
| | Indiana | 244 | 75 | 8.2 | 123.1 | 6.3 | 11.6 | 83.9 | 319.4 | 233.5 | 550.0 | 12.6 | 10.8 | 258.3 |
| | Iowa | 120 | 36 | 5.9 | 88.1 | 3.6 | 6.9 | 47.9 | 184.8 | 146.5 | 333.9 | 8.5 | 5.4 | 144.9 |
| | Kansas | 101 | 18 | 1.3 | 16.9 | 1.0 | 1.9 | 11.9 | 69.7 | 37.9 | 106.1 | 5.7 | 2.2 | 46.7 |
| | Kentucky | 92 | 26 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 3.8 | 88.9 |
| | Louisiana | 110 | 18 | 1.5 | 16.9 | 1.2 | 2.0 | 11.4 | 32.8 | 35.3 | 69.3 | .9 | EE | (D) |
| | Maine | 52 | 8 | .8 | 7.7 | .6 | 1.0 | 5.4 | 12.7 | 11.7 | 25.5 | (D) | 1.5 | 19.7 |
| | Maryland | 148 | 30 | 2.8 | 39.4 | 2.1 | 3.9 | 24.6 | 93.8 | 73.4 | 167.5 | 2.4 | 3.5 | 78.4 |
| | Massachusetts | 567 | 158 | 22.2 | 331.2 | 15.2 | 30.1 | 196.7 | 877.9 | 685.7 | 1 585.2 | 31.0 | 27.2 | 671.3 |
| | Michigan | 465 | 74 | 8.3 | 134.1 | 6.0 | 11.0 | 81.8 | 269.0 | 240.6 | 508.6 | 10.3 | 10.8 | 254.7 |
| | Minnesota | 263 | 57 | 6.0 | 89.3 | 4.6 | 8.0 | 55.4 | 231.6 | 167.3 | 399.5 | 17.3 | 7.4 | 170.9 |
| | Mississippi | 74 | 20 | FF | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 4.2 | 84.3 |
| | Missouri | 280 | 63 | 5.4 | 70.3 | 4.1 | 7.5 | 43.6 | 143.1 | 139.7 | 286.2 | (D) | 6.6 | 124.9 |
| | Nebraska | 72 | 11 | 1.3 | 16.0 | 1.0 | 1.9 | 10.6 | 31.2 | 22.8 | 55.0 | 1.0 | 1.4 | 25.8 |
| | Nevada | 76 | 17 | 1.7 | 28.5 | 1.2 | 2.4 | 17.9 | 61.4 | 50.9 | 111.7 | 2.8 | 1.0 | 26.3 |
| | New Hampshire | 69 | 18 | 1.7 | 22.1 | 1.3 | 2.4 | 13.6 | 49.5 | 35.0 | 84.7 | 1.3 | 1.8 | 27.7 |
| | New Jersey | 674 | 226 | 23.9 | 365.4 | 17.3 | 32.1 | 207.1 | 931.6 | 934.6 | 1 842.2 | 40.1 | 23.6 | 596.5 |
| | New Mexico | 119 | 15 | 1.2 | 12.1 | .9 | 1.6 | 7.9 | 24.1 | 23.1 | 47.1 | .6 | 1.8 | 33.4 |
| | New York | 2 682 | 640 | 56.7 | 848.0 | 42.8 | 77.3 | 520.8 | 1 969.2 | 2 318.1 | 4 334.6 | 77.6 | 70.0 | 1 573.4 |
| | North Carolina | 246 | 58 | 7.2 | 96.8 | 5.4 | 10.7 | 59.2 | 187.1 | 178.0 | 377.5 | 12.1 | 7.6 | 157.2 |
| | Ohio | 487 | 130 | 13.2 | 202.4 | 9.1 | 16.8 | 117.8 | 599.7 | 451.6 | 1 044.7 | 27.6 | FF | (D) |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|---|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | |
| 39 | Miscellaneous manufacturing industries—Con. | | | | | | | | | | | | |
| | Oklahoma | 159 | 16 | 2.3 | 26.5 | 1.8 | 3.4 | 17.7 | 70.7 | 62.5 | 130.3 | 3.4 | 1.9 |
| | Oregon | 185 | 30 | 2.2 | 31.1 | 1.6 | 2.9 | 18.8 | 72.6 | 53.3 | 126.0 | (D) | EE |
| | Pennsylvania | 583 | 138 | 19.2 | 325.2 | 14.2 | 25.8 | 199.7 | 767.3 | 660.6 | 1 435.7 | 40.4 | 25.3 |
| | Rhode Island | 851 | 233 | 25.9 | 332.5 | 19.4 | 35.8 | 201.8 | 858.5 | 743.4 | 1 596.3 | 29.7 | 33.3 |
| | South Carolina | 104 | 22 | 4.1 | 50.0 | 3.3 | 5.9 | 33.5 | 102.6 | 108.1 | 212.1 | (D) | 4.2 |
| | South Dakota | 41 | 10 | .7 | 9.1 | .5 | 1.0 | 6.3 | 21.6 | 19.6 | 40.1 | .5 | .3 |
| | Tennessee | 247 | 77 | 10.1 | 137.2 | 7.4 | 13.8 | 84.4 | 343.1 | 346.2 | 686.3 | 16.6 | 9.9 |
| | Texas | 787 | 148 | 13.5 | 188.7 | 9.7 | 18.1 | 115.3 | 696.2 | 478.4 | 1 175.0 | 18.0 | FF |
| | Utah | 101 | 13 | 2.1 | 26.5 | 1.6 | 2.9 | 17.4 | 46.8 | 66.2 | 112.9 | 1.6 | 2.1 |
| | Vermont | 59 | 7 | .6 | 6.8 | .5 | .9 | 4.7 | 15.8 | 11.1 | 27.2 | .5 | .5 |
| | Virginia | 139 | 28 | 3.1 | 43.1 | 2.4 | 4.1 | 27.6 | 96.6 | 84.8 | 185.7 | 4.3 | 3.5 |
| | Washington | 296 | 45 | 3.8 | 62.4 | 2.4 | 4.5 | 31.8 | 119.1 | 92.0 | 211.8 | 7.4 | FF |
| | West Virginia | 42 | 5 | .6 | 7.0 | .5 | .8 | 5.0 | 13.0 | 12.4 | 25.5 | .9 | 1.2 |
| | Wisconsin | 329 | 89 | 9.8 | 145.2 | 7.0 | 12.9 | 88.5 | 358.7 | 255.2 | 606.5 | 13.7 | 10.4 |
| 391 | Jewelry, silverware, and plated ware | 2 882 | 504 | 50.2 | 770.1 | 34.7 | 64.8 | 447.8 | 1 784.4 | 2 578.7 | 4 378.5 | 52.3 | 61.3 |
| | California | 319 | 32 | 3.4 | 50.8 | 2.2 | 4.1 | 27.3 | 123.6 | 154.5 | 276.2 | 3.3 | 3.0 |
| | Connecticut | 33 | 8 | 1.1 | 22.2 | .7 | 1.4 | 11.2 | 51.7 | 35.4 | 80.3 | 1.4 | 2.3 |
| | Florida | 128 | 12 | 1.2 | 15.9 | .9 | 1.5 | 10.1 | 37.3 | 68.7 | 101.2 | 1.0 | .9 |
| | Illinois | 63 | 8 | 1.2 | 18.8 | .8 | 1.6 | 10.9 | 46.3 | 44.7 | 90.7 | 1.5 | 1.3 |
| | Indiana | 20 | 6 | .6 | 8.5 | .3 | .5 | 3.1 | 22.5 | 11.8 | 34.4 | 1.2 | .9 |
| | Massachusetts | 127 | 41 | 6.7 | 96.7 | 4.0 | 8.1 | 56.8 | 221.3 | 288.1 | 517.9 | 4.8 | 7.6 |
| | New Jersey | 94 | 28 | 2.7 | 45.0 | 1.8 | 3.5 | 24.5 | 94.0 | 167.8 | 256.0 | 4.4 | 2.9 |
| | New Mexico | 55 | 8 | .5 | 5.1 | .4 | .7 | 3.0 | 11.3 | 12.6 | 24.0 | .3 | 1.3 |
| | New York | 985 | 194 | 15.3 | 267.7 | 11.0 | 19.7 | 157.8 | 582.3 | 1 085.2 | 1 710.4 | 17.8 | 17.6 |
| | Ohio | 53 | 5 | .5 | 8.6 | .4 | .7 | 4.6 | 16.0 | 34.5 | 51.2 | (D) | .8 |
| | Pennsylvania | 62 | 7 | .7 | 10.3 | .5 | 1.0 | 6.8 | 26.6 | 43.2 | 70.7 | .5 | .9 |
| | Rhode Island | 390 | 94 | 9.2 | 125.2 | 6.8 | 12.7 | 72.5 | 315.1 | 388.8 | 687.8 | 10.5 | 14.5 |
| | Texas | 94 | 15 | 2.2 | 30.9 | 1.4 | 2.7 | 17.5 | 103.9 | 83.2 | 187.5 | 2.2 | 2.0 |
| | Utah | 13 | 2 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC |
| 393 | Musical instruments | 452 | 137 | 17.8 | 257.8 | 14.0 | 25.7 | 176.6 | 494.8 | 415.5 | 915.9 | 20.1 | 25.2 |
| | Arkansas | 4 | 3 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | California | 65 | 20 | 1.9 | 30.4 | 1.4 | 2.5 | 16.8 | 52.8 | 40.3 | 90.0 | 2.7 | 2.1 |
| | Connecticut | 16 | 7 | .6 | 10.1 | .5 | .9 | 6.5 | 17.0 | 13.8 | 31.4 | 1.7 | CC |
| | Illinois | 39 | 18 | 2.3 | 33.8 | 1.7 | 2.9 | 21.2 | 57.1 | 60.9 | 123.6 | 2.6 | 3.9 |
| | Indiana | 28 | 17 | 2.2 | 34.8 | 1.8 | 3.3 | 27.7 | 89.2 | 66.6 | 152.8 | 1.8 | 3.5 |
| | Michigan | 14 | 6 | .9 | 15.6 | .7 | 1.3 | 11.2 | 22.8 | 28.9 | 52.9 | (D) | 1.2 |
| | Mississippi | 4 | 3 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE |
| | New York | 45 | 13 | 1.6 | 22.8 | 1.2 | 2.2 | 15.1 | 41.7 | 25.5 | 64.9 | 2.6 | 1.9 |
| | North Carolina | 8 | 4 | .6 | 7.1 | .4 | .8 | 4.5 | 13.2 | 13.1 | 27.7 | (D) | .8 |
| | Ohio | 17 | 8 | 1.1 | 15.6 | .9 | 1.6 | 11.2 | 25.8 | 17.0 | 42.5 | (D) | 1.5 |
| | Pennsylvania | 18 | 5 | .8 | 11.5 | .6 | 1.0 | 7.0 | 24.8 | 16.5 | 41.5 | .5 | 1.0 |
| | Tennessee | 13 | 5 | 1.0 | 13.0 | .8 | 1.4 | 9.0 | 21.2 | 24.8 | 45.7 | .3 | EE |
| 394 | Toys and sporting goods | 2 570 | 784 | 98.9 | 1 389.3 | 74.0 | 137.8 | 837.8 | 4 610.1 | 3 639.9 | 8 255.6 | 195.4 | 119.4 |
| | Alabama | 26 | 7 | 2.5 | 36.2 | 2.0 | 4.0 | 24.5 | 82.8 | 99.2 | 179.7 | 6.0 | 2.2 |
| | Arizona | 27 | 8 | 1.1 | 18.1 | .9 | 1.7 | 11.8 | 53.1 | 31.2 | 82.8 | 2.6 | .8 |
| | Arkansas | 23 | 11 | 1.7 | 23.0 | 1.3 | 2.3 | 12.2 | 49.7 | 42.6 | 100.7 | 2.1 | 1.8 |
| | California | 425 | 121 | 12.2 | 168.6 | 9.0 | 17.1 | 96.1 | 711.9 | 573.0 | 1 290.1 | 15.4 | 17.0 |
| | Colorado | 45 | 15 | 1.8 | 25.9 | 1.3 | 2.6 | 15.9 | 74.2 | 45.3 | 119.5 | (D) | 2.0 |
| | Connecticut | 40 | 13 | 1.6 | 25.5 | 1.0 | 2.0 | 12.3 | 60.4 | 60.5 | 120.6 | 2.8 | 1.2 |
| | Florida | 106 | 28 | 2.1 | 23.4 | 1.5 | 2.8 | 12.5 | 49.9 | 53.7 | 106.1 | 3.0 | 1.9 |
| | Georgia | 42 | 13 | 1.6 | 19.4 | 1.3 | 2.4 | 13.9 | 43.0 | 48.2 | 87.7 | .9 | 1.9 |
| | Illinois | 130 | 49 | 6.4 | 102.6 | 4.7 | 8.9 | 60.0 | 250.0 | 240.3 | 495.7 | 15.3 | 8.9 |
| | Indiana | 35 | 12 | 1.4 | 19.2 | 1.1 | 2.1 | 13.6 | 49.8 | 42.5 | 93.7 | 2.2 | 1.7 |
| | Iowa | 29 | 12 | 2.0 | 31.1 | 1.4 | 2.5 | 17.2 | 71.1 | 61.8 | 131.6 | 3.8 | 1.9 |
| | Kentucky | 17 | 7 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.6 |
| | Louisiana | 17 | 5 | .5 | 3.8 | .4 | .8 | 3.0 | 10.6 | 13.2 | 24.4 | .2 | .5 |
| | Maryland | 25 | 4 | .6 | 7.0 | .5 | 1.0 | 4.5 | 29.3 | 24.3 | 54.6 | .6 | .5 |
| | Massachusetts | 82 | 24 | 6.3 | 106.8 | 4.2 | 8.4 | 60.8 | 385.5 | 207.5 | 602.1 | 15.6 | 7.3 |
| | Michigan | 95 | 25 | 3.1 | 52.1 | 2.2 | 4.1 | 31.8 | 105.3 | 93.7 | 197.2 | 4.9 | 4.6 |
| | Minnesota | 78 | 23 | 3.1 | 43.9 | 2.3 | 3.8 | 25.8 | 137.9 | 103.5 | 242.3 | 14.5 | 4.1 |
| | Mississippi | 17 | 8 | 1.1 | 18.0 | .9 | 1.8 | 13.9 | 52.1 | 26.5 | 77.5 | (D) | .9 |
| | Missouri | 69 | 18 | 1.5 | 16.6 | 1.2 | 2.1 | 10.3 | 37.2 | 46.2 | 83.6 | 1.3 | 2.1 |
| | New Hampshire | 16 | 6 | .5 | 5.1 | .4 | .7 | 3.5 | 9.4 | 5.0 | 14.7 | .4 | .5 |
| | New Jersey | 104 | 44 | 7.1 | 105.1 | 5.2 | 9.1 | 53.5 | 297.9 | 281.5 | 566.5 | 15.2 | 6.0 |
| | New York | 266 | 98 | 13.1 | 180.3 | 10.1 | 18.4 | 109.0 | 616.4 | 495.3 | 1 089.9 | 28.3 | 19.6 |
| | North Carolina | 33 | 7 | 1.0 | 14.5 | .8 | 1.9 | 9.5 | 38.4 | 26.5 | 67.0 | (D) | 1.3 |
| | Ohio | 83 | 28 | 4.5 | 62.2 | 2.6 | 5.0 | 32.3 | 322.9 | 211.3 | 524.8 | 15.8 | 6.1 |
| | Oklahoma | 30 | 7 | .9 | 10.9 | .8 | 1.4 | 7.8 | 40.6 | 37.8 | 75.7 | (D) | 1.0 |
| | Oregon | 48 | 10 | .7 | 9.9 | .6 | 1.1 | 6.2 | 33.7 | 20.5 | 54.2 | (D) | CC |
| | Pennsylvania | 96 | 32 | 3.7 | 49.8 | 2.9 | 5.6 | 33.6 | 159.0 | 138.4 | 300.7 | 8.9 | 3.5 |
| | Rhode Island | 15 | 8 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.8 |
| | South Carolina | 21 | 6 | 1.7 | 19.1 | 1.4 | 2.3 | 13.8 | 39.1 | 36.6 | 76.3 | (D) | 1.6 |
| | Tennessee | 45 | 15 | 2.3 | 28.8 | 1.9 | 3.4 | 19.9 | 72.7 | 100.4 | 171.4 | 4.6 | 1.8 |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | | |
|----------|--|---------------------------------|---|--------------------------------|------------------------------|--------------------|---------------------|----------------------------|---|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | All em- ployees ² (1,000) | Value added by manu- facture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | |
| 39 | Miscellaneous manufacturing industries—Con. | | | | | | | | | | | | | |
| 394 | Toys and sporting goods—Con. | | | | | | | | | | | | | |
| | Texas | 119 | 29 | 3.1 | 41.0 | 2.3 | 4.3 | 25.2 | 367.5 | 199.9 | 569.0 | 2.9 | 3.3 | 75.2 |
| | Vermont | 21 | 6 | .5 | 4.5 | .4 | .6 | 3.0 | 10.7 | 6.8 | 17.8 | .3 | .3 | 4.0 |
| | Virginia | 20 | 3 | .6 | 8.7 | .5 | .8 | 5.5 | 27.0 | 14.5 | 44.6 | .6 | .7 | 16.3 |
| | Washington | 82 | 23 | 1.5 | 22.0 | 1.1 | 2.1 | 13.7 | 58.4 | 41.7 | 100.0 | 1.1 | 1.9 | 45.0 |
| | Wisconsin | 87 | 29 | 2.2 | 27.2 | 1.8 | 3.4 | 19.1 | 65.6 | 72.8 | 139.7 | 2.7 | 3.1 | 60.4 |
| 395 | Pens, pencils, and office and art supplies | 1 026 | 267 | 32.2 | 484.8 | 23.7 | 45.3 | 304.2 | 1 262.8 | 1 128.4 | 2 371.7 | 74.8 | 31.8 | 867.6 |
| | California | 138 | 30 | 4.0 | 64.5 | 3.0 | 5.7 | 41.7 | 212.0 | 167.9 | 368.0 | 13.7 | 3.5 | 112.3 |
| | Colorado | 16 | 2 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | BB | (D) |
| | Connecticut | 22 | 5 | .8 | 15.0 | .5 | 1.0 | 7.2 | 21.9 | 25.5 | 48.7 | 1.4 | 2.3 | 117.5 |
| | Florida | 52 | 5 | .6 | 6.5 | .4 | .8 | 3.6 | 16.1 | 9.6 | 25.7 | .9 | .4 | 10.9 |
| | Georgia | 20 | 7 | .7 | 13.2 | .5 | 1.0 | 8.4 | 34.0 | 49.6 | 83.8 | 1.1 | .8 | 20.5 |
| | Illinois | 69 | 24 | 2.1 | 38.0 | 1.5 | 2.9 | 20.6 | 91.5 | 86.2 | 178.3 | 2.3 | 2.6 | 69.7 |
| | Iowa | 8 | 6 | 1.4 | 20.8 | 1.0 | 2.1 | 13.8 | 49.1 | 32.4 | 84.1 | (D) | 1.6 | 35.6 |
| | Massachusetts | 45 | 8 | .5 | 6.4 | .4 | .7 | 3.8 | 12.6 | 9.4 | 21.7 | (D) | .6 | 11.7 |
| | Missouri | 17 | 5 | .7 | 7.8 | .5 | 1.0 | 5.1 | 15.4 | 12.1 | 27.6 | .6 | .9 | 13.7 |
| | New Jersey | 81 | 37 | 4.1 | 69.0 | 2.8 | 5.7 | 40.3 | 221.7 | 214.7 | 429.9 | 7.6 | 2.7 | 66.2 |
| | New York | 123 | 34 | 3.7 | 51.3 | 2.7 | 5.0 | 32.0 | 101.6 | 127.6 | 231.0 | 6.7 | 3.4 | 74.1 |
| | North Carolina | 22 | 7 | .7 | 8.4 | .5 | 1.0 | 5.7 | 15.4 | 18.8 | 35.0 | .6 | .4 | 8.4 |
| | Ohio | 45 | 10 | .7 | 10.4 | .5 | .9 | 6.4 | 20.7 | 16.1 | 36.3 | .8 | 1.2 | 28.1 |
| | Pennsylvania | 46 | 15 | 2.2 | 33.1 | 1.7 | 3.1 | 22.3 | 82.7 | 72.0 | 153.0 | 7.5 | 2.8 | 63.8 |
| | Rhode Island | 9 | 5 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | EE | (D) |
| | Tennessee | 21 | 13 | 2.2 | 28.3 | 1.7 | 3.3 | 18.1 | 74.7 | 79.4 | 154.9 | 4.9 | 2.4 | 48.0 |
| | Texas | 57 | 8 | .7 | 9.1 | .5 | .9 | 6.0 | 18.5 | 23.6 | 40.8 | 1.0 | .8 | 12.8 |
| | Wisconsin | 18 | 7 | 1.5 | 25.8 | 1.1 | 2.1 | 18.1 | 54.7 | 23.9 | 80.0 | (D) | EE | (D) |
| 396 | Costume jewelry and notions | 1 356 | 379 | 41.9 | 527.8 | 32.2 | 61.9 | 336.0 | 1 156.4 | 921.5 | 2 110.2 | 63.7 | 51.0 | 1 002.0 |
| | Alabama | 7 | 4 | .5 | 4.6 | .4 | .7 | 3.1 | 8.1 | 7.9 | 16.3 | .1 | BB | (D) |
| | California | 135 | 23 | 2.2 | 25.4 | 1.7 | 3.3 | 16.5 | 53.8 | 37.2 | 91.3 | 3.1 | 2.4 | 43.7 |
| | Connecticut | 45 | 23 | 3.8 | 59.5 | 2.9 | 5.5 | 37.5 | 121.8 | 79.3 | 206.3 | 8.5 | 5.1 | 116.7 |
| | Georgia | 10 | 5 | 2.3 | 31.4 | 2.1 | 5.3 | 25.0 | 98.4 | 68.8 | 167.0 | 22.8 | 2.6 | 56.1 |
| | Illinois | 35 | 9 | .7 | 8.8 | .5 | 1.0 | 5.5 | 19.6 | 14.3 | 34.0 | .5 | .7 | 16.2 |
| | Massachusetts | 51 | 23 | 2.9 | 40.2 | 2.2 | 4.4 | 23.8 | 93.2 | 70.8 | 167.4 | 1.3 | 3.4 | 79.3 |
| | Nebraska | 2 | 1 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (NA) | (NA) |
| | New Jersey | 52 | 19 | 2.5 | 35.8 | 2.0 | 3.9 | 22.0 | 61.2 | 55.6 | 117.2 | 2.9 | EE | (D) |
| | New York | 336 | 87 | 6.1 | 73.0 | 4.8 | 8.6 | 46.1 | 143.7 | 158.2 | 307.2 | 5.2 | 9.3 | 162.2 |
| | North Carolina | 16 | 7 | .7 | 7.6 | .6 | 1.1 | 5.6 | 13.5 | 11.1 | 24.7 | 1.5 | 1.2 | 19.7 |
| | Pennsylvania | 28 | 11 | 1.0 | 13.7 | .9 | 1.7 | 10.9 | 23.8 | 22.4 | 46.1 | 1.0 | 3.1 | 48.9 |
| | Rhode Island | 316 | 102 | 12.4 | 151.7 | 9.1 | 16.9 | 90.2 | 345.0 | 232.2 | 591.8 | 9.4 | 14.2 | 268.0 |
| | South Carolina | 4 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | Texas | 29 | 6 | .5 | 5.2 | .3 | .6 | 2.8 | 12.7 | 8.4 | 20.7 | 1.2 | .5 | 9.1 |
| | Virginia | 8 | 5 | .6 | 7.2 | .5 | .9 | 5.4 | 15.8 | 13.6 | 30.5 | .5 | CC | (D) |
| 399 | Miscellaneous manufactures | 7 585 | 1 497 | 141.7 | 2 217.1 | 102.1 | 187.3 | 1 311.2 | 4 750.6 | 4 107.2 | 8 859.5 | 222.9 | 152.0 | 3 484.8 |
| | Alabama | 65 | 17 | 1.5 | 21.0 | 1.2 | 2.1 | 12.5 | 49.0 | 52.0 | 100.9 | 2.8 | 1.9 | 37.7 |
| | Arizona | 106 | 12 | .9 | 11.9 | .7 | 1.1 | 7.4 | 24.9 | 18.8 | 43.5 | 1.4 | .8 | 16.6 |
| | Arkansas | 55 | 10 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | CC | (D) |
| | California | 1 088 | 182 | 14.7 | 239.1 | 10.4 | 19.2 | 136.7 | 513.0 | 496.4 | 1 003.8 | 21.9 | 12.0 | 254.8 |
| | Colorado | 103 | 18 | 1.2 | 16.0 | .8 | 1.4 | 9.2 | 27.8 | 20.2 | 47.9 | 1.0 | 1.0 | 19.2 |
| | Connecticut | 118 | 18 | 2.5 | 53.6 | 1.9 | 3.5 | 30.6 | 155.2 | 74.5 | 233.5 | 6.6 | EE | (D) |
| | Florida | 372 | 52 | 4.2 | 55.3 | 3.1 | 5.6 | 32.4 | 116.8 | 97.3 | 215.6 | 6.6 | 3.3 | 63.5 |
| | Georgia | 117 | 20 | 1.4 | 17.3 | 1.1 | 2.0 | 10.8 | 34.7 | 34.8 | 69.9 | 1.9 | 1.4 | 26.1 |
| | Illinois | 408 | 115 | 15.2 | 270.7 | 10.8 | 21.3 | 154.8 | 628.4 | 711.1 | 1 333.4 | 23.3 | 17.2 | 383.2 |
| | Indiana | 133 | 31 | 3.4 | 52.1 | 2.6 | 4.7 | 34.0 | 139.5 | 97.1 | 235.1 | 7.0 | 4.0 | 103.2 |
| | Iowa | 67 | 12 | 2.2 | 32.8 | 1.0 | 1.9 | 14.8 | 59.3 | 47.1 | 107.6 | 1.9 | 1.5 | 43.3 |
| | Kansas | 58 | 8 | .5 | 7.1 | .3 | .6 | 4.3 | 13.0 | 10.2 | 23.1 | (D) | 1.4 | 29.6 |
| | Kentucky | 58 | 13 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | 1.3 | 28.6 |
| | Louisiana | 67 | 11 | .9 | 10.7 | .6 | 1.1 | 6.8 | 17.5 | 16.9 | 35.0 | .6 | EE | (D) |
| | Maryland | 86 | 18 | 1.4 | 20.8 | 1.0 | 1.7 | 12.6 | 37.9 | 30.7 | 69.2 | 1.5 | EE | (D) |
| | Massachusetts | 231 | 55 | 5.5 | 74.8 | 4.1 | 8.0 | 47.2 | 154.9 | 100.2 | 254.7 | 6.8 | 7.9 | 178.4 |
| | Michigan | 273 | 33 | 3.6 | 56.0 | 2.6 | 4.6 | 32.1 | 117.3 | 97.3 | 214.1 | 3.6 | 4.2 | 96.6 |
| | Minnesota | 133 | 26 | 2.3 | 35.5 | 1.8 | 3.3 | 23.2 | 68.8 | 51.0 | 119.6 | (D) | 2.4 | 46.9 |
| | Mississippi | 40 | 9 | EE | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .7 | 9.9 |
| | Missouri | 166 | 36 | 2.6 | 37.4 | 1.9 | 3.6 | 24.0 | 73.6 | 61.3 | 135.1 | 1.9 | 3.2 | 63.7 |
| | Nevada | 46 | 13 | 1.3 | 22.9 | .9 | 1.8 | 14.5 | 52.5 | 42.5 | 94.2 | 2.5 | .6 | 15.9 |
| | New Hampshire | 38 | 10 | 1.0 | 14.8 | .8 | 1.5 | 9.0 | 35.8 | 24.7 | 60.4 | .7 | 1.0 | 15.7 |
| | New Jersey | 328 | 95 | 7.3 | 109.0 | 5.4 | 9.8 | 65.8 | 253.6 | 211.8 | 466.2 | 10.0 | 9.3 | 257.0 |
| | New York | 927 | 214 | 16.9 | 252.9 | 13.0 | 23.3 | 160.8 | 483.7 | 427.0 | 912.3 | 17.0 | 18.2 | 388.9 |
| | North Carolina | 151 | 33 | 4.2 | 58.6 | 3.0 | 5.7 | 33.5 | 105.0 | 104.9 | 218.1 | 6.0 | 3.9 | 81.9 |
| | Ohio | 273 | 78 | 6.3 | 104.3 | 4.6 | 8.4 | 62.5 | 210.5 | 167.8 | 381.5 | 8.1 | 7.7 | 163.6 |
| | Oklahoma | 100 | 5 | .8 | 10.4 | .5 | 1.0 | 6.4 | 20.3 | 15.6 | 35.7 | .8 | .7 | 15.1 |
| | Oregon | 90 | 15 | .9 | 13.5 | .6 | 1.1 | 8.0 | 24.0 | 19.5 | 43.8 | (D) | CC | (D) |
| | Pennsylvania | 333 | 68 | 10.8 | 206.9 | 7.6 | 13.3 | 119.1 | 450.4 | 368.1 | 823.8 | 22.0 | 14.0 | 493.2 |
| | Rhode Island | 119 | 23 | 1.4 | 15.7 | 1.1 | 1.8 | 10.1 | 30.3 | 23.3 | 53.6 | (D) | EE | (D) |

See footnotes at end of table.

Table 2. Industry Group Statistics by State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| SIC code | Industry group and geographic area | 1982 | | | | | | | | | | 1977 | |
|----------|---|---------------------------------|------------------------------------|-----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|--|
| | | All establishments ¹ | | All employees | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) | Value added by manufacture (million dollars) |
| | | Total (number) | With 20 employees or more (number) | Number ² (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | |
| 39 | Miscellaneous manufacturing industries—Con. | | | | | | | | | | | | |
| 399 | Miscellaneous manufactures—Con. | | | | | | | | | | | | |
| | South Carolina | 62 | 7 | 1.0 | 13.8 | .7 | 1.5 | 8.1 | 25.0 | 18.1 | 43.3 | (D) | .8 |
| | Tennessee | 151 | 40 | 4.4 | 64.1 | 2.8 | 5.4 | 35.2 | 163.8 | 131.5 | 293.8 | 6.4 | 4.3 |
| | Texas | 473 | 90 | 7.0 | 101.6 | 5.1 | 9.5 | 63.1 | 191.9 | 161.5 | 353.5 | 10.5 | 5.3 |
| | Utah | 51 | 4 | CC | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | .5 |
| | Virginia | 80 | 15 | 1.6 | 23.8 | 1.2 | 2.0 | 14.4 | 47.1 | 51.4 | 98.6 | 2.9 | 1.6 |
| | Washington | 127 | 14 | 1.7 | 30.1 | .8 | 1.5 | 11.9 | 42.9 | 34.3 | 77.3 | 6.1 | 2.0 |
| | Wisconsin | 180 | 45 | 5.3 | 82.6 | 3.5 | 6.3 | 45.5 | 219.4 | 145.7 | 355.9 | 7.2 | 5.5 |
| -- | Auxiliaries | 9 676 | 5 204 | 1 276.0 | 38 220.3 | - | - | - | - | - | - | - | 1 074.2 |
| | Alabama | 97 | 46 | 5.0 | 103.5 | - | - | - | - | - | - | - | 5.4 |
| | Arizona | 56 | 23 | 4.0 | 99.5 | - | - | - | - | - | - | - | 5.0 |
| | Arkansas | 80 | 33 | 3.7 | 88.6 | - | - | - | - | - | - | - | 3.5 |
| | California | 974 | 437 | 98.5 | 2 931.9 | - | - | - | - | - | - | - | 68.6 |
| | Colorado | 120 | 50 | 13.7 | 361.7 | - | - | - | - | - | - | - | 8.8 |
| | Connecticut | 255 | 182 | 43.3 | 1 401.1 | - | - | - | - | - | - | - | 34.6 |
| | Delaware | 32 | 18 | 24.1 | 869.2 | - | - | - | - | - | - | - | 24.3 |
| | District of Columbia | 99 | 20 | 1.6 | 56.6 | - | - | - | - | - | - | - | 1.1 |
| | Florida | 259 | 105 | 14.4 | 377.5 | - | - | - | - | - | - | - | 8.0 |
| | Georgia | 323 | 157 | 22.8 | 578.3 | - | - | - | - | - | - | - | 14.4 |
| | Hawaii | 25 | 10 | .7 | 18.7 | - | - | - | - | - | - | - | 1.4 |
| | Idaho | 43 | 17 | 2.7 | 77.8 | - | - | - | - | - | - | - | 1.9 |
| | Illinois | 712 | 414 | 100.2 | 2 977.0 | - | - | - | - | - | - | - | 96.1 |
| | Indiana | 189 | 96 | 14.8 | 392.6 | - | - | - | - | - | - | - | 17.4 |
| | Iowa | 74 | 31 | 3.7 | 92.9 | - | - | - | - | - | - | - | 4.8 |
| | Kansas | 101 | 35 | 5.4 | 127.7 | - | - | - | - | - | - | - | 3.7 |
| | Kentucky | 126 | 69 | 14.4 | 378.1 | - | - | - | - | - | - | - | 11.3 |
| | Louisiana | 92 | 33 | 4.3 | 137.0 | - | - | - | - | - | - | - | 2.8 |
| | Maine | 18 | 11 | .9 | 22.1 | - | - | - | - | - | - | - | .9 |
| | Maryland | 113 | 65 | 15.5 | 418.4 | - | - | - | - | - | - | - | 14.7 |
| | Massachusetts | 250 | 162 | 47.3 | 1 286.9 | - | - | - | - | - | - | - | 33.7 |
| | Michigan | 406 | 267 | 115.4 | 3 884.0 | - | - | - | - | - | - | - | 104.8 |
| | Minnesota | 213 | 127 | 40.6 | 1 251.7 | - | - | - | - | - | - | - | 30.1 |
| | Mississippi | 54 | 27 | 2.0 | 32.9 | - | - | - | - | - | - | - | 2.6 |
| | Missouri | 244 | 128 | 31.6 | 888.6 | - | - | - | - | - | - | - | 28.9 |
| | Nebraska | 48 | 23 | 3.0 | 82.9 | - | - | - | - | - | - | - | 2.7 |
| | New Hampshire | 21 | 12 | 2.3 | 70.6 | - | - | - | - | - | - | - | 1.1 |
| | New Jersey | 534 | 344 | 102.8 | 3 221.7 | - | - | - | - | - | - | - | 86.9 |
| | New Mexico | 20 | 8 | .6 | 13.3 | - | - | - | - | - | - | - | .3 |
| | New York | 895 | 518 | 133.2 | 4 248.6 | - | - | - | - | - | - | - | 126.1 |
| | North Carolina | 239 | 139 | 27.0 | 788.6 | - | - | - | - | - | - | - | 25.9 |
| | Ohio | 549 | 332 | 105.0 | 3 071.1 | - | - | - | - | - | - | - | 81.7 |
| | Oklahoma | 105 | 47 | 25.0 | 742.2 | - | - | - | - | - | - | - | 14.2 |
| | Oregon | 110 | 57 | 6.4 | 183.8 | - | - | - | - | - | - | - | 5.4 |
| | Pennsylvania | 559 | 362 | 97.4 | 2 871.4 | - | - | - | - | - | - | - | 87.3 |
| | Rhode Island | 24 | 13 | 1.7 | 42.3 | - | - | - | - | - | - | - | 1.4 |
| | South Carolina | 122 | 78 | 12.2 | 260.3 | - | - | - | - | - | - | - | 9.0 |
| | Tennessee | 153 | 85 | 11.3 | 262.9 | - | - | - | - | - | - | - | 8.8 |
| | Texas | 628 | 312 | 56.2 | 1 736.8 | - | - | - | - | - | - | - | 44.9 |
| | Utah | 43 | 15 | 1.1 | 28.1 | - | - | - | - | - | - | - | 2.1 |
| | Virginia | 184 | 88 | 11.5 | 306.4 | - | - | - | - | - | - | - | 11.7 |
| | Washington | 146 | 54 | 14.6 | 430.9 | - | - | - | - | - | - | - | 5.5 |
| | West Virginia | 44 | 19 | 4.7 | 132.9 | - | - | - | - | - | - | - | 2.7 |
| | Wisconsin | 212 | 120 | 28.6 | 840.4 | - | - | - | - | - | - | - | 23.1 |
| | Wyoming | 6 | 2 | .5 | 10.2 | - | - | - | - | - | - | - | .4 |

¹Includes establishments with payroll at any time during year.

²Statistics for some industry groups are withheld to avoid disclosing data for individual companies. However, for such industry groups with 450 employees or more, number of establishments is shown and employment size range is indicated by one of the following symbols: AA—150 to 249 employees; BB—250 to 499 employees; CC—500 to 999 employees; EE—1,000 to 2,499 employees; FF—2,500 employees or more.

³Value added by manufacture for 1982 is computed using inventory data reported at cost or market prior to any adjustment to LIFO cost. This uniform instruction is a change from prior years in which respondents were permitted to value their inventories using any generally accepted accounting method. Consequently, 1982 data for value added by manufacture are not comparable to prior year data.

⁴Aggregate of cost of materials and value of shipments includes extensive duplication, since products of some industries are used as materials by others (see appendixes).

Table 3a. Summary Statistics by Major Group: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| Item | All industries ¹ | Food and kindred products (SIC 20) | Tobacco products (SIC 21) | Textile mill products (SIC 22) | Apparel and other textile products (SIC 23) | Lumber and wood products (SIC 24) | Furniture and fixtures (SIC 25) |
|--|------------------------------------|------------------------------------|--|--------------------------------------|---|---------------------------------------|--|
| Companies ² number.. | 298 429 | 16 813 | 100 | 5 376 | 22 016 | 30 631 | 9 227 |
| All establishments ³ do.. | 356 061 | 22 130 | 163 | 6 630 | 24 391 | 32 984 | 10 003 |
| With 1 to 19 employees do.. | 234 696 | 11 449 | 56 | 2 967 | 13 484 | 26 671 | 6 374 |
| With 20 to 99 employees do.. | 68 810 | 6 992 | 36 | 1 971 | 7 841 | 5 172 | 2 632 |
| With 100 employees or more do.. | 38 553 | 3 689 | 71 | 1 692 | 3 066 | 1 141 | 997 |
| All employees: | | | | | | | |
| Average for year 1,000.. | 19 094.1 | 1 467.7 | 57.9 | 717.4 | 1 169.0 | 576.4 | 436.0 |
| Annual payroll ⁴ mil. dol.. | 379 626.5 | 26 087.5 | 1 323.5 | 9 046.1 | 12 128.6 | 6 444.5 | 6 083.7 |
| Production workers: | | | | | | | |
| Average for year 1,000.. | 12 400.6 | 1 046.6 | 45.3 | 615.5 | 1 009.7 | 479.3 | 350.5 |
| March do.. | 12 718.9 | 1 004.6 | 46.1 | 627.7 | 1 016.7 | 469.5 | 353.8 |
| May do.. | 12 568.9 | 1 010.6 | 43.0 | 620.2 | 1 016.6 | 461.2 | 349.7 |
| August do.. | 12 373.5 | 1 122.0 | 47.7 | 611.6 | 1 006.7 | 491.4 | 349.9 |
| November do.. | 11 944.0 | 1 049.5 | 44.4 | 602.7 | 996.6 | 475.4 | 348.3 |
| Hours millions.. | 23 538.3 | 2 033.4 | 63.7 | 1 156.9 | 1 803.5 | 693.9 | 651.2 |
| January to March do.. | 5 969.6 | 479.0 | 21.1 | 292.0 | 445.5 | 207.5 | 180.6 |
| April to June do.. | 6 036.3 | 493.6 | 19.6 | 299.6 | 461.4 | 227.4 | 184.6 |
| July to September do.. | 5 809.1 | 543.9 | 21.9 | 279.6 | 445.1 | 232.4 | 180.1 |
| October to December do.. | 5 721.3 | 516.9 | 21.2 | 267.2 | 451.5 | 226.8 | 165.7 |
| Wages mil. dol.. | 204 767.2 | 16 439.5 | 957.1 | 6 936.2 | 6 631.9 | 6 446.1 | 4 169.1 |
| Value added by manufacture ⁵ do.. | 624 117.7 | 68 419.1 | 6 964.6 | 16 550.2 | 26 060.5 | 15 376.6 | 12 626.9 |
| Cost of materials, etc. ⁶ do.. | 1 130 142.7 | 192 216.6 | 7 099.9 | 26 713.4 | 27 087.6 | 27 125.5 | 11 228.9 |
| Materials, parts, containers, etc., consumed do.. | 990 082.6 | 171 461.6 | 6 445.5 | 25 542.7 | 20 015.3 | 23 292.0 | 10 196.5 |
| Resales do.. | 52 017.9 | 15 233.9 | 533.1 | 412.2 | 983.4 | 1 365.5 | 509.7 |
| Fuels consumed ⁷ do.. | 26 917.0 | 2 827.2 | 53.2 | 701.4 | 134.1 | 466.1 | 126.0 |
| Purchased electric energy ⁸ do.. | 27 417.3 | 2 201.9 | 61.3 | 1 013.2 | 376.6 | 624.6 | 216.1 |
| Contract work do.. | 31 707.9 | 472.0 | 6.7 | 1 043.9 | 5 576.4 | 1 377.1 | 176.6 |
| Value of shipments, including resales do.. | 1 960 205.6 | 280 529.3 | 16 061.4 | 47 515.4 | 53 367.9 | 42 934.9 | 24 128.7 |
| Value of resales do.. | 67 229.9 | 16 992.5 | 540.7 | 511.6 | 1 342.0 | 1 529.4 | 648.7 |
| Manufacturers' inventories (see tables 3b and 3c) | | | | | | | |
| Capital expenditures for plant and equipment ⁹ do.. | 61 464.3 | 7 462.0 | 713.6 | 1 780.2 | 736.1 | 1 545.9 | 659.9 |
| New capital expenditures do.. | 74 561.5 | 6 726.9 | 697.3 | 1 579.0 | 654.3 | 1 342.4 | 566.2 |
| New buildings and other structures do.. | 14 960.5 | 1 356.3 | 221.4 | 243.1 | 156.5 | 225.4 | 177.5 |
| New machinery and equipment do.. | 59 801.0 | 5 370.6 | 475.6 | 1 338.0 | 497.7 | 1 117.0 | 388.6 |
| Used capital expenditures do.. | 6 902.7 | 735.1 | 21.1 | 201.2 | 63.9 | 203.5 | 93.6 |
| Item | Paper and allied products (SIC 26) | Printing and publishing (SIC 27) | Chemicals and allied products (SIC 28) | Petroleum and coal products (SIC 29) | Rubber and miscellaneous plastics products (SIC 30) | Leather and leather products (SIC 31) | Stone, clay, and glass products (SIC 32) |
| Companies ² number.. | 4 271 | 49 752 | 6 207 | 1 455 | 11 514 | 2 388 | 13 261 |
| All establishments ³ do.. | 6 361 | 53 406 | 11 901 | 2 322 | 13 449 | 2 735 | 16 545 |
| With 1 to 19 employees do.. | 2 291 | 42 535 | 7 122 | 1 474 | 7 471 | 1 422 | 11 792 |
| With 20 to 99 employees do.. | 2 480 | 8 870 | 3 265 | 565 | 4 385 | 761 | 3 670 |
| With 100 employees or more do.. | 1 610 | 2 201 | 1 514 | 283 | 1 593 | 552 | 1 083 |
| All employees: | | | | | | | |
| Average for year 1,000.. | 805.8 | 1 291.6 | 872.6 | 151.6 | 681.7 | 199.6 | 531.5 |
| Annual payroll ⁴ mil. dol.. | 12 947.5 | 22 706.9 | 20 635.7 | 4 338.7 | 11 596.6 | 2 218.5 | 10 096.7 |
| Production workers: | | | | | | | |
| Average for year 1,000.. | 461.2 | 710.9 | 508.6 | 99.6 | 522.6 | 171.3 | 408.4 |
| March do.. | 483.9 | 714.1 | 520.6 | 96.3 | 530.2 | 171.2 | 409.4 |
| May do.. | 480.4 | 712.9 | 512.0 | 100.7 | 530.7 | 173.5 | 414.4 |
| August do.. | 484.3 | 708.3 | 505.7 | 102.5 | 523.4 | 172.9 | 412.2 |
| November do.. | 456.0 | 707.3 | 496.1 | 96.7 | 506.5 | 167.8 | 397.7 |
| Hours millions.. | 923.0 | 1 313.0 | 1 003.5 | 205.2 | 996.0 | 304.1 | 796.3 |
| January to March do.. | 232.4 | 323.5 | 255.0 | 47.9 | 249.8 | 74.9 | 191.4 |
| April to June do.. | 232.0 | 327.1 | 254.2 | 51.2 | 255.2 | 76.3 | 204.5 |
| July to September do.. | 229.3 | 326.2 | 246.3 | 54.5 | 246.9 | 75.7 | 204.4 |
| October to December do.. | 229.3 | 334.2 | 246.0 | 51.6 | 244.3 | 75.2 | 196.0 |
| Wages mil. dol.. | 9 040.3 | 11 307.4 | 10 543.6 | 2 612.7 | 7 891.1 | 1 623.1 | 7 163.6 |
| Value added by manufacture ⁵ do.. | 33 375.7 | 54 423.4 | 77 314.6 | 22 068.5 | 27 218.9 | 4 772.9 | 22 985.7 |
| Cost of materials, etc. ⁶ do.. | 46 620.1 | 31 377.2 | 92 556.9 | 185 191.1 | 27 950.0 | 4 917.1 | 22 149.3 |
| Materials, parts, containers, etc., consumed do.. | 39 537.5 | 23 067.3 | 76 047.5 | 172 338.1 | 24 935.6 | 4 197.8 | 18 860.0 |
| Resales do.. | 1 184.3 | 817.5 | 4 445.1 | 6 627.7 | 1 001.3 | 440.6 | 1 112.3 |
| Fuels consumed ⁷ do.. | 3 558.6 | 252.3 | 5 819.7 | 3 935.3 | 528.3 | 57.6 | 2 554.4 |
| Purchased electric energy ⁸ do.. | 1 967.3 | 624.7 | 4 996.9 | 1 583.2 | 1 168.9 | 71.7 | 1 307.5 |
| Contract work do.. | 372.2 | 6 785.4 | 1 447.7 | 708.6 | 317.9 | 149.6 | 315.1 |
| Value of shipments, including resales do.. | 79 895.1 | 65 796.9 | 170 736.9 | 208 918.6 | 55 415.8 | 9 719.2 | 45 180.6 |
| Value of resales do.. | 1 403.2 | 1 030.2 | 6 180.0 | 6 976.1 | 1 328.2 | 673.5 | 1 508.5 |
| Manufacturers' inventories (see tables 3b and 3c) | | | | | | | |
| Capital expenditures for plant and equipment ⁹ do.. | 5 341.6 | 3 546.6 | 10 137.6 | 8 736.5 | 2 426.2 | 150.8 | 2 573.6 |
| New capital expenditures do.. | 5 098.3 | 3 213.2 | 9 086.8 | 6 578.9 | 2 199.2 | 132.0 | 2 309.0 |
| New buildings and other structures do.. | 511.0 | 531.8 | 1 450.6 | 2 471.2 | 347.4 | 32.6 | 343.4 |
| New machinery and equipment do.. | 4 567.4 | 2 681.5 | 7 635.9 | 4 107.6 | 1 651.8 | 99.2 | 1 965.5 |
| Used capital expenditures do.. | 243.3 | 333.4 | 1 050.6 | 159.5 | 227.0 | 16.5 | 264.7 |

See footnotes at end of table.

Table 3a. Summary Statistics by Major Group: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| Item | Primary metal industries (SIC 33) | Fabricated metal products (SIC 34) | Machinery, except electrical (SIC 35) | Electric and electronic equipment (SIC 36) | Transportation equipment (SIC 37) | Instruments and related products (SIC 38) | Miscellaneous manufacturing industries (SIC 39) |
|---|-----------------------------------|------------------------------------|---------------------------------------|--|-----------------------------------|---|---|
| Companies ² ----- number... | 5 604 | 31 690 | 49 091 | 13 701 | 8 229 | 7 126 | 15 241 |
| All establishments ³ ----- do... | 7 061 | 35 560 | 52 912 | 16 453 | 9 443 | 8 045 | 15 871 |
| With 1 to 19 employees ----- do... | 3 157 | 21 918 | 38 648 | 8 619 | 5 643 | 5 030 | 12 303 |
| With 20 to 99 employees ----- do... | 2 357 | 10 597 | 10 626 | 4 587 | 2 282 | 1 916 | 2 806 |
| With 100 employees or more ----- do... | 1 547 | 3 045 | 3 638 | 3 247 | 1 518 | 1 099 | 762 |
| All employees: | | | | | | | |
| Average for year ----- 1,000... | 854.1 | 1 459.7 | 2 188.7 | 1 914.5 | 1 595.9 | 623.6 | 382.6 |
| Annual payroll ⁴ ----- mil. dol... | 20 602.7 | 28 282.6 | 46 910.7 | 38 413.6 | 40 811.9 | 12 882.9 | 5 646.9 |
| Production workers: | | | | | | | |
| Average for year ----- 1,000... | 637.7 | 1 073.3 | 1 358.0 | 1 198.2 | 1 059.6 | 363.3 | 280.8 |
| March ----- do... | 708.9 | 1 112.0 | 1 478.0 | 1 231.9 | 1 105.2 | 372.9 | 283.5 |
| May ----- do... | 664.6 | 1 096.2 | 1 409.1 | 1 221.6 | 1 098.6 | 368.0 | 282.5 |
| August ----- do... | 619.7 | 1 063.4 | 1 308.9 | 1 181.0 | 1 037.8 | 361.2 | 283.1 |
| November ----- do... | 557.5 | 1 022.6 | 1 236.3 | 1 157.9 | 997.2 | 351.2 | 274.3 |
| Hours ----- millions... | 1 166.8 | 2 070.4 | 2 596.8 | 2 268.5 | 2 051.4 | 696.0 | 522.8 |
| January to March ----- do... | 334.4 | 530.7 | 711.1 | 582.2 | 523.5 | 177.7 | 129.4 |
| April to June ----- do... | 306.1 | 535.2 | 683.9 | 586.1 | 546.1 | 177.5 | 134.5 |
| July to September ----- do... | 271.5 | 507.5 | 611.6 | 549.8 | 499.7 | 170.1 | 128.3 |
| October to December ----- do... | 254.8 | 497.0 | 590.2 | 550.4 | 482.1 | 170.6 | 130.6 |
| Wages ----- mil. dol... | 14 465.8 | 18 455.9 | 25 093.1 | 19 281.0 | 24 378.8 | 5 917.1 | 3 413.6 |
| Value added by manufacture ⁵ ----- do... | 33 291.4 | 58 927.6 | 102 269.8 | 84 605.4 | 84 932.3 | 33 672.2 | 14 059.1 |
| Cost of materials, etc. ⁶ ----- do... | 68 791.4 | 59 393.8 | 83 787.8 | 63 259.1 | 120 010.5 | 17 875.2 | 12 791.2 |
| Materials, parts, containers, etc., consumed ----- do... | 57 187.6 | 51 830.5 | 73 055.1 | 55 408.1 | 112 056.1 | 15 390.3 | 11 167.3 |
| Resales ----- do... | 1 377.5 | 2 727.9 | 4 615.1 | 4 106.5 | 2 294.3 | 1 449.5 | 980.5 |
| Fuels consumed ⁷ ----- do... | 4 528.2 | 1 057.9 | 820.3 | 573.7 | 809.5 | 201.3 | 114.0 |
| Purchased electric energy ⁸ ----- do... | 4 567.9 | 1 405.6 | 1 652.0 | 1 494.9 | 1 504.9 | 360.3 | 213.7 |
| Contract work ----- do... | 1 130.2 | 2 371.9 | 3 645.3 | 1 675.9 | 3 345.7 | 473.8 | 315.7 |
| Value of shipments, including resales ----- do... | 104 666.8 | 119 444.0 | 187 895.7 | 147 943.6 | 201 346.1 | 51 797.6 | 26 891.4 |
| Value of resales ----- do... | 1 548.1 | 3 452.2 | 6 331.4 | 5 783.6 | 3 557.5 | 2 373.9 | 1 540.3 |
| Manufacturers' inventories (see tables 3b and 3c) | | | | | | | |
| Capital expenditures for plant and equipment ⁹ ----- do... | 4 976.1 | 4 160.8 | 9 239.7 | 8 030.7 | 8 265.7 | 2 273.7 | 698.4 |
| New capital expenditures ----- do... | 4 666.1 | 3 685.8 | 8 537.2 | 7 542.4 | 7 214.4 | 2 103.0 | 629.2 |
| New buildings and other structures ----- do... | 579.0 | 626.5 | 1 720.6 | 1 855.5 | 1 503.1 | 457.4 | 149.8 |
| New machinery and equipment ----- do... | 4 087.0 | 3 059.3 | 6 816.6 | 5 686.9 | 5 711.3 | 1 645.6 | 479.3 |
| Used capital expenditures ----- do... | 310.0 | 475.0 | 702.5 | 488.3 | 1 051.3 | 170.7 | 69.2 |

¹Includes auxiliaries.

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during year.

⁴Data on supplemental labor costs are not included in annual payroll, but are shown in table 3d.

⁵Value added by manufacture for 1982 is computed using inventory data reported at cost or market prior to any adjustment to LIFO cost. This uniform instruction is a change from prior years in which respondents were permitted to value their inventories using any generally accepted accounting method. Consequently, 1982 data for value added by manufacture are not comparable to prior year data.

⁶Data on purchased services for the repair of buildings and machinery and for communication services are not included in cost of materials, etc., but are shown in table 3d.

⁷Data on purchased fuels by type were not collected for 1982. See MC82-S-4, Fuels and Electric Energy Consumed, for 1981 data on purchased fuels by type.

⁸Data on quantity of electric energy used for heat and power are included in table 3d.

⁹Data on capital expenditures for new machinery and equipment by type, depreciable assets, retirements, rental payments, and depreciation are included in table 3d.

Table 3b. Value of Inventories by Major Group: End of 1981 and 1982

[Million dollars. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes.

Data in this table may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| Item | All industries | | Food and kindred products (SIC 20) | | Tobacco products (SIC 21) | |
|---|------------------|------------------|------------------------------------|-----------------|---------------------------|----------------|
| | End of 1981 | End of 1982 | End of 1981 | End of 1982 | End of 1981 | End of 1982 |
| Total inventories¹ ----- | 319 473.2 | 307 213.3 | 23 846.5 | 23 564.2 | 5 904.8 | 7 186.1 |
| Detail by method of valuation: | | | | | | |
| Subject to LIFO costing ² ----- | 105 770.8 | 100 424.1 | 5 587.6 | 5 647.7 | 4 762.1 | 6 054.2 |
| LIFO reserve ----- | 41 452.7 | 38 632.6 | 1 380.4 | 1 395.9 | 2 034.2 | 2 324.0 |
| LIFO value ----- | 64 318.1 | 61 791.4 | 4 207.3 | 4 251.8 | 2 727.9 | 3 730.2 |
| Not subject to LIFO costing ----- | 175 524.0 | 171 763.6 | 15 222.8 | 14 862.7 | 1 041.4 | 1 048.9 |
| Valuation method not reported ³ ----- | 36 128.6 | 33 272.3 | 2 907.0 | 2 929.7 | 101.3 | 83.0 |
| Amount subject to LIFO reported without associated reserve and value ⁴ ----- | 2 049.7 | 1 753.3 | 129.1 | 124.1 | - | - |
| Detail by stage of fabrication: | | | | | | |
| Finished goods ----- | 103 146.0 | 100 740.8 | 12 791.7 | 12 705.4 | 610.0 | 573.9 |
| Work in process ----- | 107 174.3 | 103 140.2 | 2 609.4 | 2 634.6 | 110.5 | 113.8 |
| Materials and supplies ----- | 109 152.9 | 103 332.3 | 8 445.4 | 8 224.2 | 5 184.4 | 6 498.4 |

See footnotes at end of table.

Table 3b. Value of Inventories by Major Group: End of 1981 and 1982—Con.

[Data in this table may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| Item | Textile mill products (SIC 22) | | Apparel and other textile products (SIC 23) | | Lumber and wood products (SIC 24) | |
|---|---|-----------------|--|-----------------|--|-----------------|
| | End of 1981 | End of 1982 | End of 1981 | End of 1982 | End of 1981 | End of 1982 |
| Total inventories¹ | 7 077.4 | 6 551.4 | 7 581.0 | 7 182.8 | 6 481.8 | 5 718.6 |
| Detail by method of valuation: | | | | | | |
| Subject to LIFO costing ² | 2 729.9 | 2 966.1 | 1 078.0 | 1 031.4 | 1 202.8 | 1 057.7 |
| LIFO reserve | 681.0 | 908.5 | 219.9 | 236.1 | 383.9 | 323.9 |
| LIFO value | 2 048.8 | 2 057.6 | 858.1 | 795.3 | 819.0 | 733.7 |
| Not subject to LIFO costing | 2 944.8 | 2 687.7 | 4 027.3 | 3 867.5 | 3 002.4 | 2 696.3 |
| Valuation method not reported ³ | 1 266.5 | 782.8 | 2 434.9 | 2 247.3 | 2 118.5 | 1 884.1 |
| Amount subject to LIFO reported without associated reserve and value ⁴ | 136.2 | 114.8 | 40.8 | 36.7 | 158.1 | 80.6 |
| Detail by stage of fabrication: | | | | | | |
| Finished goods | 2 655.9 | 2 562.5 | 3 288.2 | 3 148.7 | 2 580.9 | 2 373.7 |
| Work in process | 2 218.8 | 2 060.1 | 1 564.8 | 1 462.2 | 1 307.0 | 1 082.1 |
| Materials and supplies | 2 202.7 | 1 928.8 | 2 728.0 | 2 571.9 | 2 593.9 | 2 262.8 |
| Item | Furniture and fixtures (SIC 25) | | Paper and allied products (SIC 26) | | Printing and publishing (SIC 27) | |
| | End of 1981 | End of 1982 | End of 1981 | End of 1982 | End of 1981 | End of 1982 |
| Total inventories¹ | 4 164.3 | 3 997.4 | 8 970.7 | 8 922.7 | 7 141.2 | 7 039.5 |
| Detail by method of valuation: | | | | | | |
| Subject to LIFO costing ² | 1 350.3 | 1 286.5 | 2 722.1 | 2 649.6 | 1 746.6 | 1 636.4 |
| LIFO reserve | 329.5 | 339.7 | 898.5 | 843.8 | 479.6 | 459.0 |
| LIFO value | 1 020.9 | 946.7 | 1 823.6 | 1 805.9 | 1 267.0 | 1 177.4 |
| Not subject to LIFO costing | 1 713.8 | 1 693.8 | 5 346.2 | 5 326.1 | 3 083.6 | 3 033.3 |
| Valuation method not reported ³ | 1 023.5 | 948.7 | 790.6 | 804.1 | 2 238.6 | 2 316.8 |
| Amount subject to LIFO reported without associated reserve and value ⁴ | 76.7 | 68.4 | 111.8 | 143.0 | 72.4 | 53.0 |
| Detail by stage of fabrication: | | | | | | |
| Finished goods | 1 311.5 | 1 281.0 | 3 127.4 | 3 276.5 | 2 188.2 | 2 206.9 |
| Work in process | 1 024.8 | 984.1 | 983.5 | 935.0 | 1 508.1 | 1 493.8 |
| Materials and supplies | 1 828.0 | 1 732.3 | 4 859.8 | 4 711.2 | 3 444.9 | 3 338.8 |
| Item | Chemicals and allied products (SIC 28) | | Petroleum and coal products (SIC 29) | | Rubber and miscellaneous plastics products (SIC 30) | |
| | End of 1981 | End of 1982 | End of 1981 | End of 1982 | End of 1981 | End of 1982 |
| Total inventories¹ | 25 327.8 | 23 830.1 | 18 442.2 | 17 179.5 | 7 733.9 | 7 200.5 |
| Detail by method of valuation: | | | | | | |
| Subject to LIFO costing ² | 10 901.7 | 10 322.7 | 10 864.8 | 9 582.1 | 3 001.7 | 2 807.0 |
| LIFO reserve | 4 108.8 | 4 019.2 | 7 579.9 | 5 921.5 | 1 025.4 | 1 008.7 |
| LIFO value | 6 792.9 | 6 303.5 | 3 284.9 | 3 660.6 | 1 976.2 | 1 798.3 |
| Not subject to LIFO costing | 12 075.2 | 11 267.8 | 6 505.6 | 6 475.0 | 3 302.5 | 3 131.7 |
| Valuation method not reported ³ | 2 024.3 | 1 983.5 | 883.0 | 940.7 | 1 399.0 | 1 231.5 |
| Amount subject to LIFO reported without associated reserve and value ⁴ | 326.7 | 256.0 | 188.8 | 181.7 | 30.7 | 30.3 |
| Detail by stage of fabrication: | | | | | | |
| Finished goods | 12 137.1 | 11 385.5 | 9 080.1 | 7 865.5 | 3 502.3 | 3 332.4 |
| Work in process | 4 164.0 | 4 050.2 | 4 249.9 | 3 805.3 | 1 217.7 | 1 140.2 |
| Materials and supplies | 9 026.7 | 8 394.3 | 5 112.2 | 5 508.6 | 3 013.9 | 2 727.9 |
| Item | Leather and leather products (SIC 31) | | Stone, clay, and glass products (SIC 32) | | Primary metal industries (SIC 33) | |
| | End of 1981 | End of 1982 | End of 1981 | End of 1982 | End of 1981 | End of 1982 |
| Total inventories¹ | 1 588.5 | 1 520.9 | 6 936.8 | 6 710.4 | 28 395.7 | 23 857.8 |
| Detail by method of valuation: | | | | | | |
| Subject to LIFO costing ² | 451.4 | 416.1 | 2 327.7 | 2 233.7 | 11 436.8 | 9 854.6 |
| LIFO reserve | 108.1 | 101.7 | 806.5 | 825.7 | 5 445.9 | 4 675.8 |
| LIFO value | 343.3 | 314.4 | 1 521.3 | 1 408.0 | 5 990.9 | 5 178.8 |
| Not subject to LIFO costing | 850.0 | 845.4 | 3 465.6 | 3 424.5 | 15 537.8 | 12 803.4 |
| Valuation method not reported ³ | 280.7 | 253.5 | 1 066.3 | 931.6 | 1 278.1 | 1 078.0 |
| Amount subject to LIFO reported without associated reserve and value ⁴ | 6.4 | 5.9 | 77.0 | 120.6 | 142.9 | 121.8 |
| Detail by stage of fabrication: | | | | | | |
| Finished goods | 680.9 | 677.1 | 3 445.3 | 3 421.8 | 7 759.9 | 6 842.3 |
| Work in process | 354.3 | 328.7 | 1 037.4 | 1 014.9 | 10 033.1 | 8 366.4 |
| Materials and supplies | 553.3 | 515.1 | 2 454.1 | 2 273.5 | 10 602.6 | 8 649.1 |
| Item | Fabricated metal products (SIC 34) | | Machinery, except electrical (SIC 35) | | Electric and electronic equipment (SIC 36) | |
| | End of 1981 | End of 1982 | End of 1981 | End of 1982 | End of 1981 | End of 1982 |
| Total inventories¹ | 23 346.2 | 21 138.1 | 49 759.4 | 47 181.2 | 30 830.9 | 30 004.1 |
| Detail by method of valuation: | | | | | | |
| Subject to LIFO costing ² | 8 608.9 | 7 895.4 | 18 711.7 | 17 511.7 | 7 742.8 | 7 053.9 |
| LIFO reserve | 3 002.3 | 2 804.8 | 6 629.7 | 6 519.2 | 2 584.8 | 2 386.2 |
| LIFO value | 5 606.6 | 5 090.6 | 12 082.0 | 10 992.4 | 5 158.1 | 4 667.7 |
| Not subject to LIFO costing | 10 160.2 | 9 419.0 | 25 807.3 | 24 907.2 | 20 095.3 | 20 135.4 |
| Valuation method not reported ³ | 4 379.7 | 3 673.1 | 5 076.2 | 4 640.6 | 2 902.1 | 2 740.9 |
| Amount subject to LIFO reported without associated reserve and value ⁴ | 197.5 | 150.6 | 164.2 | 121.7 | 90.8 | 73.8 |

See footnotes at end of table.

Table 3b. Value of Inventories by Major Group: End of 1981 and 1982—Con.

[Data in this table may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| Item | Fabricated metal products (SIC 34) | | Machinery, except electrical (SIC 35) | | Electric and electronic equipment (SIC 36) | |
|---|---------------------------------------|-----------------|--|-----------------|--|----------------|
| | End of 1981 | End of 1982 | End of 1981 | End of 1982 | End of 1981 | End of 1982 |
| Detail by stage of fabrication: | | | | | | |
| Finished goods | 6 433.1 | 6 256.5 | 14 468.4 | 15 237.7 | 7 053.6 | 7 054.4 |
| Work in process | 7 985.0 | 7 036.8 | 21 537.7 | 18 932.9 | 14 762.6 | 14 680.3 |
| Materials and supplies | 8 928.1 | 7 844.6 | 13 753.3 | 13 010.4 | 9 014.7 | 8 269.3 |
| Item | Transportation equipment (SIC 37) | | Instruments and related products (SIC 38) | | Miscellaneous manufacturing industries (SIC 39) | |
| | End of 1981 | End of 1982 | End of 1981 | End of 1982 | End of 1981 | End of 1982 |
| Total inventories¹ | 39 302.1 | 42 282.5 | 11 354.9 | 10 925.1 | 5 286.9 | 5 220.4 |
| Detail by method of valuation: | | | | | | |
| Subject to LIFO costing ² | 5 076.0 | 5 296.5 | 3 973.5 | 3 593.9 | 1 494.3 | 1 526.7 |
| LIFO reserve | 1 670.5 | 1 652.5 | 1 580.5 | 1 396.1 | 503.5 | 490.2 |
| LIFO value | 3 405.5 | 3 644.0 | 2 393.0 | 2 197.8 | 990.8 | 1 036.5 |
| Not subject to LIFO costing | 32 949.0 | 35 505.1 | 6 095.0 | 6 197.7 | 2 298.3 | 2 435.5 |
| Valuation method not reported ³ | 1 253.2 | 1 457.2 | 1 260.7 | 1 110.2 | 1 444.4 | 1 235.0 |
| Amount subject to LIFO reported without associated reserve and value ⁴ | 23.8 | 23.7 | 25.7 | 23.4 | 50.0 | 23.2 |
| Detail by stage of fabrication: | | | | | | |
| Finished goods | 5 019.5 | 5 420.0 | 2 870.0 | 2 934.8 | 2 141.7 | 2 183.8 |
| Work in process | 24 436.5 | 27 347.6 | 4 824.2 | 4 509.0 | 1 245.0 | 1 161.6 |
| Materials and supplies | 9 846.1 | 9 514.9 | 3 660.7 | 3 481.3 | 1 900.1 | 1 875.0 |

¹Beginning in the 1982 Economic Censuses, all respondents were requested to report their inventories at (the lower of) cost or market prior to adjustment to LIFO cost. This is a change from prior Censuses and annual surveys of manufactures in which respondents were permitted to value their inventories using any generally accepted accounting method.

²Only includes data reported by respondents who (a) indicated amount of inventories subject to LIFO cost, and (b) provided sufficient information to determine associated LIFO reserve and value figures.

³Includes data estimated for nonresponse and nonmail administrative records and data reported by respondents who provided total inventory figures without other information.

⁴Includes data reported by respondents who indicated their inventories were subject to LIFO cost, but did not provide associated LIFO reserve and value figures.

Table 3c. Inventories by Specific Method of Valuation by Major Group: End of 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| Item | All industries | | Food and kindred products (SIC 20) | | Tobacco products (SIC 21) | |
|--|-----------------------------------|--|--|--|--------------------------------------|--|
| | Percent of total | Absolute standard error (percent) | Percent of total | Absolute standard error (percent) | Percent of total | Absolute standard error (percent) |
| Total inventories | 100.0 | (X) | 100.0 | (X) | 100.0 | (X) |
| Last-In, First-Out (LIFO) methods | 32.7 | (X) | 24.0 | (X) | 84.2 | (X) |
| Non-LIFO methods | 55.9 | (X) | 63.1 | (X) | 14.6 | (X) |
| Cost basis: | | | | | | |
| First-In, First-Out (FIFO) | 15.7 | .1 | 20.5 | .7 | .3 | .3 |
| Average cost | 11.9 | .1 | 12.8 | .4 | 10.2 | .6 |
| Specific or actual cost | 8.2 | .1 | 9.8 | .8 | 2.6 | .5 |
| Standard cost | 14.4 | .1 | 9.5 | .4 | 1.1 | .1 |
| Other | 4.2 | (Z) | 3.9 | .2 | .2 | .2 |
| Market basis: | | | | | | |
| Market lower than cost | .7 | (Z) | 1.5 | .1 | (Z) | (Z) |
| Market always used | .9 | (Z) | 5.2 | .2 | (Z) | (Z) |
| Valuation method not reported | 10.8 | (X) | 12.4 | (X) | 1.2 | (X) |
| Amount subject to LIFO reported without associated reserve and value | .6 | (X) | .5 | (X) | — | (X) |
| Item | Textile mill products (SIC 22) | | Apparel and other textile products (SIC 23) | | Lumber and wood products (SIC 24) | |
| | Percent of total | Absolute standard error (percent) | Percent of total | Absolute standard error (percent) | Percent of total | Absolute standard error (percent) |
| Total inventories | 100.0 | (X) | 100.0 | (X) | 100.0 | (X) |
| Last-In, First-Out (LIFO) methods | 45.3 | (X) | 14.4 | (X) | 18.5 | (X) |
| Non-LIFO methods | 41.0 | (X) | 53.8 | (X) | 47.1 | (X) |
| Cost basis: | | | | | | |
| First-In, First-Out (FIFO) | 16.2 | .4 | 20.2 | .6 | 16.1 | .6 |
| Average cost | 3.8 | .3 | 3.9 | .2 | 11.8 | .4 |
| Specific or actual cost | 3.7 | .3 | 7.3 | .5 | 6.6 | .4 |
| Standard cost | 14.0 | .3 | 16.8 | .5 | 6.4 | .3 |
| Other | 1.7 | (Z) | 2.4 | .2 | 1.5 | .2 |
| Market basis: | | | | | | |
| Market lower than cost | 1.2 | (Z) | 2.3 | .2 | 2.8 | .2 |
| Market always used | .4 | (Z) | .8 | .2 | 1.9 | .1 |
| Valuation method not reported | 11.9 | (X) | 31.3 | (X) | 32.9 | (X) |
| Amount subject to LIFO reported without associated reserve and value | 1.8 | (X) | .5 | (X) | 1.4 | (X) |

See footnotes at end of table.

Table 3c. Inventories by Specific Method of Valuation by Major Group: End of 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued.]

| Item | Furniture and fixtures (SIC 25) | | Paper and allied products (SIC 26) | | Printing and publishing (SIC 27) | |
|---|------------------------------------|--|---------------------------------------|--|-------------------------------------|--|
| | Percent of total | Absolute standard error (percent) | Percent of total | Absolute standard error (percent) | Percent of total | Absolute standard error (percent) |
| Total inventories | 100.0 | (X) | 100.0 | (X) | 100.0 | (X) |
| Last-In, First-Out (LIFO) methods | 32.2 | (X) | 29.7 | (X) | 23.2 | (X) |
| Non-LIFO methods | 42.4 | (X) | 59.7 | (X) | 43.1 | (X) |
| Cost basis: | | | | | | |
| First-In, First-Out (FIFO) | 23.1 | .8 | 16.3 | .6 | 20.8 | 2.1 |
| Average cost | 2.5 | .3 | 14.4 | .4 | 5.4 | .6 |
| Specific or actual cost | 6.5 | .5 | 5.5 | .3 | 10.3 | 3.2 |
| Standard cost | 6.7 | .4 | 17.1 | .5 | 3.3 | .4 |
| Other | 1.9 | (Z) | 1.7 | .2 | 1.5 | .4 |
| Market basis: | | | | | | |
| Market lower than cost | .6 | (Z) | 1.4 | .1 | .4 | (Z) |
| Market always used | 1.2 | (Z) | 3.2 | 1.0 | 1.4 | (Z) |
| Valuation method not reported | 23.7 | (X) | 9.0 | (X) | 32.9 | (X) |
| Amount subject to LIFO reported without associated reserve and value | 1.7 | (X) | 1.6 | (X) | .8 | (X) |

| Item | Chemicals and allied products (SIC 28) | | Petroleum and coal products (SIC 29) | | Rubber and miscellaneous plastics products (SIC 30) | |
|---|---|--|---|--|--|--|
| | Percent of total | Absolute standard error (percent) | Percent of total | Absolute standard error (percent) | Percent of total | Absolute standard error (percent) |
| Total inventories | 100.0 | (X) | 100.0 | (X) | 100.0 | (X) |
| Last-In, First-Out (LIFO) methods | 43.3 | (X) | 55.8 | (X) | 39.0 | (X) |
| Non-LIFO methods | 47.3 | (X) | 37.7 | (X) | 43.5 | (X) |
| Cost basis: | | | | | | |
| First-In, First-Out (FIFO) | 12.9 | .2 | 5.4 | .1 | 20.3 | .6 |
| Average cost | 8.4 | .3 | 22.4 | .2 | 3.9 | .2 |
| Specific or actual cost | 3.5 | .1 | 3.1 | .1 | 4.4 | .3 |
| Standard cost | 20.3 | .2 | 4.6 | .2 | 13.1 | .5 |
| Other | 1.3 | (Z) | 1.5 | (Z) | .6 | .1 |
| Market basis: | | | | | | |
| Market lower than cost | .8 | (Z) | .4 | .1 | .6 | (Z) |
| Market always used | .2 | (Z) | .3 | (Z) | .6 | (Z) |
| Valuation method not reported | 8.3 | (X) | 5.5 | (X) | 17.1 | (X) |
| Amount subject to LIFO reported without associated reserve and value | 1.1 | (X) | 1.1 | (X) | .4 | (X) |

| Item | Leather and leather products (SIC 31) | | Stone, clay, and glass products (SIC 32) | | Primary metal industries (SIC 33) | |
|---|--|--|---|--|--------------------------------------|--|
| | Percent of total | Absolute standard error (percent) | Percent of total | Absolute standard error (percent) | Percent of total | Absolute standard error (percent) |
| Total inventories | 100.0 | (X) | 100.0 | (X) | 100.0 | (X) |
| Last-In, First-Out (LIFO) methods | 27.4 | (X) | 33.3 | (X) | 41.3 | (X) |
| Non-LIFO methods | 55.6 | (X) | 51.0 | (X) | 53.7 | (X) |
| Cost basis: | | | | | | |
| First-In, First-Out (FIFO) | 28.4 | 1.0 | 17.9 | .6 | 6.9 | .1 |
| Average cost | 3.2 | .3 | 11.0 | .6 | 14.1 | .1 |
| Specific or actual cost | 4.7 | .7 | 4.6 | .4 | 2.6 | .1 |
| Standard cost | 14.0 | .6 | 15.5 | .5 | 20.6 | .2 |
| Other | 1.7 | (Z) | .9 | (Z) | 8.3 | .1 |
| Market basis: | | | | | | |
| Market lower than cost | 2.3 | (Z) | .4 | .1 | .8 | (Z) |
| Market always used | 1.3 | (Z) | .6 | (Z) | .4 | (Z) |
| Valuation method not reported | 16.7 | (X) | 13.9 | (X) | 4.5 | (X) |
| Amount subject to LIFO reported without associated reserve and value | .4 | (X) | 1.8 | (X) | .5 | (X) |

| Item | Fabricated metal products (SIC 34) | | Machinery, except electrical (SIC 35) | | Electric and electronic equipment (SIC 36) | |
|---|---------------------------------------|--|--|--|---|--|
| | Percent of total | Absolute standard error (percent) | Percent of total | Absolute standard error (percent) | Percent of total | Absolute standard error (percent) |
| Total inventories | 100.0 | (X) | 100.0 | (X) | 100.0 | (X) |
| Last-In, First-Out (LIFO) methods | 37.4 | (X) | 37.1 | (X) | 23.5 | (X) |
| Non-LIFO methods | 44.6 | (X) | 52.8 | (X) | 67.1 | (X) |
| Cost basis: | | | | | | |
| First-In, First-Out (FIFO) | 17.9 | .3 | 16.5 | .2 | 22.4 | .3 |
| Average cost | 4.9 | .2 | 10.8 | .1 | 10.8 | .1 |
| Specific or actual cost | 7.3 | .2 | 5.0 | .2 | 10.8 | .2 |
| Standard cost | 11.8 | .3 | 19.2 | .2 | 20.4 | .3 |
| Other | 1.9 | (Z) | .9 | (Z) | 1.3 | (Z) |
| Market basis: | | | | | | |
| Market lower than cost | .3 | (Z) | .2 | (Z) | .5 | .1 |
| Market always used | .4 | (Z) | .2 | (Z) | .9 | (Z) |
| Valuation method not reported | 17.4 | (X) | 9.8 | (X) | 9.1 | (X) |
| Amount subject to LIFO reported without associated reserve and value | .7 | (X) | .3 | (X) | .2 | (X) |

See footnotes at end of table.

Table 3c. Inventories by Specific Method of Valuation by Major Group: End of 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| Item | Transportation equipment (SIC 37) | | Instruments and related products (SIC 38) | | Miscellaneous manufacturing industries (SIC 39) | |
|---|--------------------------------------|--|--|--|--|--|
| | Percent of total | Absolute standard error (percent) | Percent of total | Absolute standard error (percent) | Percent of total | Absolute standard error (percent) |
| Total inventories | 100.0 | (X) | 100.0 | (X) | 100.0 | (X) |
| Last-In, First-Out (LIFO) methods | 12.5 | (X) | 32.9 | (X) | 29.2 | (X) |
| Non-LIFO methods | 84.0 | (X) | 56.7 | (X) | 46.7 | (X) |
| Cost basis: | | | | | | |
| First-In, First-Out (FIFO) | 13.0 | .2 | 18.6 | 1.1 | 21.3 | .7 |
| Average cost | 21.5 | .3 | 10.4 | 2.6 | 4.3 | .4 |
| Specific or actual cost | 22.1 | .2 | 4.2 | .3 | 4.1 | .4 |
| Standard cost | 10.1 | .1 | 22.4 | 1.3 | 12.6 | .7 |
| Other | 16.9 | (Z) | .8 | (Z) | 2.3 | (Z) |
| Market basis: | | | | | | |
| Market lower than cost | .3 | (Z) | .2 | (Z) | 1.2 | (Z) |
| Market always used | .1 | (Z) | .1 | (Z) | .9 | (Z) |
| Valuation method not reported | 3.4 | (X) | 10.2 | (X) | 23.7 | (X) |
| Amount subject to LIFO reported without associated reserve and value | .1 | (X) | .2 | (X) | .4 | (X) |

Note: The percentages shown for the LIFO and non-LIFO totals and the categories "valuation method not reported" and "amount subject to LIFO reported..." are based on the census universe estimates included in table 3b. The percentages shown for the specific non-LIFO methods of valuation (e.g., FIFO, etc.) are based on a representative sample of establishments included in the annual survey of manufactures (ASM) panel for 1982 (see appendixes for description of ASM). The absolute standard error of each of the ASM estimates is shown above.

Table 3d. Supplemental Industry Statistics Based on Sample Estimates by Major Group: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| Item | All industries | | Food and kindred products (SIC 20) | | Tobacco products (SIC 21) | |
|---|--------------------------------|--|---------------------------------------|--|--------------------------------|--|
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | |
| Total | 80 993.4 | 1 | 5 951.8 | 1 | 424.9 | 1 |
| Legal costs | 30 377.4 | 1 | 2 535.0 | 1 | 106.6 | 1 |
| Voluntary costs | 50 616.0 | 1 | 3 416.8 | 1 | 318.3 | 1 |
| Purchased services: | | | | | | |
| Cost of purchased services for the repair of— | | | | | | |
| Buildings and other structures | 3 485.0 | 1 | 352.0 | 3 | 7.2 | 1 |
| Response coverage ratio (percent) ² | 71 | (X) | 72 | (X) | 90 | (X) |
| Machinery | 13 617.0 | 2 | 1 533.5 | 2 | 48.7 | 1 |
| Response coverage ratio (percent) ² | 75 | (X) | 75 | (X) | 91 | (X) |
| Cost of purchased communication services | 6 227.5 | 4 | 343.4 | 2 | 11.1 | 2 |
| Response coverage ratio (percent) ² | 75 | (X) | 74 | (X) | 93 | (X) |
| Electric energy used for heat and power: | | | | | | |
| Purchased: | | | | | | |
| Quantity (million kWh) | 621 491.3 | 1 | 45 946.4 | 2 | 1 459.4 | 1 |
| Cost | 27 417.3 | (X) | 2 201.9 | (X) | 61.3 | (X) |
| Generated less sold (million kWh) | 54 381.4 | 1 | 2 606.0 | 2 | (D) | 1 |
| Gross book value of depreciable assets³: | | | | | | |
| Total: | | | | | | |
| Beginning of year | 644 535.0 | 1 | 54 334.7 | 1 | 3 087.8 | 1 |
| New capital expenditures | 70 779.8 | 1 | 6 022.6 | 2 | 636.5 | 1 |
| Used capital expenditures | 6 265.9 | 2 | 652.2 | 4 | 19.1 | 2 |
| Retirements | 29 272.8 | 1 | 2 392.4 | 3 | 133.3 | 2 |
| End of year | 692 307.9 | 1 | 58 617.1 | 1 | 3 610.1 | 1 |
| Buildings and other structures: | | | | | | |
| Beginning of year | 155 237.2 | 1 | 15 272.5 | 1 | 1 134.7 | 2 |
| New capital expenditures | 14 033.6 | 1 | 1 218.7 | 4 | 162.6 | 1 |
| Used capital expenditures | 1 346.6 | 5 | 153.1 | 6 | .2 | 1 |
| Retirements | 5 052.9 | 2 | 524.8 | 5 | 36.2 | 1 |
| End of year | 165 564.5 | 1 | 16 119.5 | 1 | 1 261.3 | 2 |
| Machinery and equipment: | | | | | | |
| Beginning of year | 489 297.8 | 1 | 39 062.2 | 1 | 1 953.1 | 1 |
| New capital expenditures | 56 746.2 | 1 | 4 803.9 | 2 | 473.9 | 1 |
| Automobiles, trucks, etc., for highway use | 1 394.4 | 3 | 321.9 | 7 | 1.9 | 3 |
| Computers and peripheral data processing equipment | 2 390.5 | 1 | 76.9 | 6 | 9.6 | 1 |
| All other | 43 703.4 | 1 | 3 535.1 | 2 | 453.2 | 1 |
| New machinery and equipment, n.s.k. ⁴ | 9 257.9 | 7 | 870.0 | 7 | 9.2 | 1 |
| Used capital expenditures | 4 919.4 | 2 | 499.1 | 4 | 18.9 | 2 |
| Retirements | 24 220.0 | 1 | 1 867.6 | 3 | 97.1 | 3 |
| End of year | 526 743.4 | 1 | 42 497.6 | 1 | 2 348.8 | 1 |
| Rental payments: | | | | | | |
| Total | 9 835.3 | 1 | 849.4 | 2 | 21.4 | 5 |
| Buildings and other structures | 4 342.6 | 1 | 306.1 | 3 | 5.6 | 14 |
| Machinery and equipment | 5 492.7 | 1 | 543.3 | 3 | 15.9 | 2 |
| Depreciation charges during 1982: | | | | | | |
| Total | 45 681.5 | 1 | 3 905.6 | 1 | 156.7 | 1 |
| Buildings and other structures | 7 008.2 | 2 | 668.9 | 2 | 34.0 | 1 |
| Machinery and equipment | 38 673.3 | 1 | 3 236.7 | 1 | 122.8 | 1 |

See footnotes at end of table.

Table 3d. Supplemental Industry Statistics Based on Sample Estimates by Major Group:
1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued.]

| Item | Textile mill products (SIC 22) | | Apparel and other textile products (SIC 23) | | Lumber and wood products (SIC 24) | |
|---|------------------------------------|--|--|--|--------------------------------------|--|
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | |
| Total | 1 630.9 | 1 | 1 987.2 | 1 | 1 731.5 | 1 |
| Legal costs | 804.7 | 1 | 1 079.4 | 1 | 876.2 | 2 |
| Voluntary costs | 826.1 | 1 | 907.8 | 1 | 855.3 | 1 |
| Purchased services: | | | | | | |
| Cost of purchased services for the repair of— | | | | | | |
| Buildings and other structures | 89.3 | 3 | 53.3 | 2 | 32.9 | 6 |
| Response coverage ratio (percent) ² | 72 | (X) | 48 | (X) | 55 | (X) |
| Machinery | 314.2 | 2 | 283.2 | 20 | 297.2 | 5 |
| Response coverage ratio (percent) ² | 73 | (X) | 55 | (X) | 66 | (X) |
| Cost of purchased communication services | 61.8 | 2 | 192.8 | 2 | 92.6 | 8 |
| Response coverage ratio (percent) ² | 72 | (X) | 53 | (X) | 64 | (X) |
| Electric energy used for heat and power: | | | | | | |
| Purchased: | | | | | | |
| Quantity (million kWh) | 23 886.8 | 1 | 6 340.1 | 2 | 14 617.2 | 1 |
| Cost | 1 013.2 | (X) | 378.6 | (X) | 624.8 | (X) |
| Generated less sold (million kWh) | 353.3 | 4 | (S) | (X) | 234.1 | 13 |
| Gross book value of depreciable assets³: | | | | | | |
| Total: | | | | | | |
| Beginning of year | 17 655.1 | 1 | 5 573.0 | 2 | 17 022.0 | 2 |
| New capital expenditures | 1 525.9 | 2 | 540.7 | 4 | 1 439.7 | 7 |
| Used capital expenditures | 178.2 | 5 | 51.7 | 5 | 162.7 | 8 |
| Retirements | 1 156.9 | 6 | 460.0 | 5 | 1 209.8 | 8 |
| End of year | 18 202.4 | 1 | 5 705.4 | 2 | 17 414.6 | 2 |
| Buildings and other structures: | | | | | | |
| Beginning of year | 4 169.6 | 2 | 1 977.3 | 3 | 3 352.0 | 2 |
| New capital expenditures | 241.8 | 3 | 128.8 | 7 | 231.4 | 11 |
| Used capital expenditures | 28.2 | 21 | 20.9 | 8 | 32.4 | 18 |
| Retirements | 219.1 | 6 | 131.6 | 6 | 224.1 | 9 |
| End of year | 4 220.3 | 2 | 1 995.5 | 3 | 3 391.6 | 2 |
| Machinery and equipment: | | | | | | |
| Beginning of year | 13 485.6 | 1 | 3 595.8 | 2 | 13 670.0 | 2 |
| New capital expenditures | 1 284.0 | 2 | 411.9 | 4 | 1 208.3 | 8 |
| Automobiles, trucks, etc., for highway use | 13.6 | 13 | 18.0 | 11 | 78.6 | 12 |
| Computers and peripheral data processing equipment | 24.9 | 3 | 21.6 | 7 | 13.5 | 6 |
| All other | 1 126.7 | 2 | 209.2 | 5 | 694.9 | 11 |
| New machinery and equipment, n.s.k. ⁴ | 118.9 | 10 | 163.1 | 8 | 421.3 | 13 |
| Used capital expenditures | 150.1 | 4 | 30.7 | 6 | 130.3 | 8 |
| Retirements | 937.7 | 6 | 328.4 | 5 | 985.7 | 8 |
| End of year | 13 982.1 | 1 | 3 709.9 | 2 | 14 022.9 | 2 |
| Rental payments: | | | | | | |
| Total | 181.7 | 4 | 332.1 | 3 | 227.9 | 6 |
| Buildings and other structures | 86.9 | 4 | 209.0 | 4 | 85.5 | 9 |
| Machinery and equipment | 94.8 | 4 | 123.1 | 4 | 142.4 | 7 |
| Depreciation charges during 1982: | | | | | | |
| Total | 1 191.7 | 2 | 659.6 | 2 | 1 392.3 | 3 |
| Buildings and other structures | 171.2 | 2 | 96.8 | 3 | 173.8 | 5 |
| Machinery and equipment | 1 020.5 | 2 | 562.7 | 2 | 1 218.5 | 5 |
| Item | Furniture and fixtures (SIC 25) | | Paper and allied products (SIC 26) | | Printing and publishing (SIC 27) | |
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | |
| Total | 1 150.0 | 2 | 2 879.5 | 1 | 3 978.0 | 1 |
| Legal costs | 561.3 | 2 | 1 112.8 | 1 | 1 771.1 | 1 |
| Voluntary costs | 588.7 | 2 | 1 766.6 | 1 | 2 206.9 | 1 |
| Purchased services: | | | | | | |
| Cost of purchased services for the repair of— | | | | | | |
| Buildings and other structures | 39.5 | 13 | 125.0 | 2 | 287.9 | 2 |
| Response coverage ratio (percent) ² | 66 | (X) | 71 | (X) | 66 | (X) |
| Machinery | 77.5 | 4 | 868.3 | 2 | 1 068.0 | 8 |
| Response coverage ratio (percent) ² | 71 | (X) | 79 | (X) | 72 | (X) |
| Cost of purchased communication services | 58.9 | 4 | 156.0 | 2 | 872.6 | 2 |
| Response coverage ratio (percent) ² | 72 | (X) | 79 | (X) | 70 | (X) |
| Electric energy used for heat and power: | | | | | | |
| Purchased: | | | | | | |
| Quantity (million kWh) | 3 899.6 | 1 | 50 540.1 | 1 | 10 638.6 | 1 |
| Cost | 218.1 | (X) | 1 967.3 | (X) | 624.7 | (X) |
| Generated less sold (million kWh) | (S) | (X) | 27 167.5 | 1 | (S) | (X) |
| Gross book value of depreciable assets³: | | | | | | |
| Total: | | | | | | |
| Beginning of year | 5 518.5 | 2 | 46 634.2 | 1 | 24 413.0 | 2 |
| New capital expenditures | 560.3 | 7 | 4 801.9 | 2 | 3 162.4 | 4 |
| Used capital expenditures | 86.2 | 29 | 291.0 | 23 | 322.9 | 19 |
| Retirements | 329.5 | 7 | 1 114.4 | 7 | 1 207.2 | 5 |
| End of year | 5 835.5 | 2 | 50 612.6 | 1 | 26 691.1 | 2 |

See footnotes at end of table.

**Table 3d. Supplemental Industry Statistics Based on Sample Estimates by Major Group:
1982—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued]

| Item | Furniture and fixtures (SIC 25) | | Paper and allied products (SIC 26) | | Printing and publishing (SIC 27) | |
|---|---|--|---|--|--|--|
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Gross book value of depreciable assets ³ —Con. | | | | | | |
| Buildings and other structures: | | | | | | |
| Beginning of year | 2 240.2 | 3 | 6 820.8 | 1 | 6 490.2 | 2 |
| New capital expenditures | 182.1 | 13 | 475.7 | 3 | 545.2 | 6 |
| Used capital expenditures | 46.6 | 38 | 51.8 | 34 | 108.1 | 26 |
| Retirements | 105.9 | 7 | 184.2 | 11 | 188.4 | 10 |
| End of year | 2 363.0 | 3 | 7 164.1 | 1 | 6 955.1 | 2 |
| Machinery and equipment: | | | | | | |
| Beginning of year | 3 278.3 | 2 | 39 813.3 | 1 | 17 922.8 | 2 |
| New capital expenditures | 378.1 | 4 | 4 326.2 | 2 | 2 617.2 | 4 |
| Automobiles, trucks, etc., for highway use | 27.9 | 10 | 52.7 | 5 | 92.8 | 10 |
| Computers and peripheral data processing equipment | 18.4 | 7 | 57.4 | 4 | 264.9 | 5 |
| All other | 232.3 | 5 | 3 615.3 | 2 | 1 660.6 | 5 |
| New machinery and equipment, n.s.k. ⁴ | 99.6 | 9 | 600.9 | 4 | 598.9 | 11 |
| Used capital expenditures | 39.7 | 21 | 239.1 | 21 | 214.8 | 17 |
| Retirements | 223.6 | 8 | 930.1 | 6 | 1 018.8 | 5 |
| End of year | 3 472.4 | 2 | 43 448.5 | 1 | 19 736.0 | 2 |
| Rental payments: | | | | | | |
| Total | 225.3 | 5 | 389.0 | 3 | 899.5 | 3 |
| Buildings and other structures | 142.9 | 7 | 156.8 | 5 | 502.3 | 4 |
| Machinery and equipment | 82.4 | 5 | 232.2 | 4 | 397.2 | 4 |
| Depreciation charges during 1982: | | | | | | |
| Total | 417.3 | 2 | 2 505.1 | 2 | 2 183.1 | 2 |
| Buildings and other structures | 100.6 | 3 | 271.5 | 3 | 328.9 | 4 |
| Machinery and equipment | 316.7 | 3 | 2 233.6 | 2 | 1 854.2 | 2 |
| Item | Chemicals and allied products (SIC 28) | | Petroleum and coal products (SIC 29) | | Rubber and miscellaneous plastics products (SIC 30) | |
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | |
| Total | 5 019.4 | 1 | 1 116.3 | 1 | 2 749.1 | 1 |
| Legal costs | 1 686.4 | 1 | 338.7 | 1 | 1 143.4 | 1 |
| Voluntary costs | 3 333.0 | 1 | 777.6 | 1 | 1 605.7 | 1 |
| Purchased services: | | | | | | |
| Cost of purchased services for the repair of— | | | | | | |
| Buildings and other structures | 306.9 | 2 | 349.1 | 1 | 120.1 | 18 |
| Response coverage ratio (percent) ² | 77 | (X) | 75 | (X) | 66 | (X) |
| Machinery | 1 300.8 | 2 | 879.6 | 1 | 781.1 | 23 |
| Response coverage ratio (percent) ² | 82 | (X) | 75 | (X) | 72 | (X) |
| Cost of purchased communication services | 263.5 | 2 | 50.1 | 3 | 380.9 | 26 |
| Response coverage ratio (percent) ² | 83 | (X) | 85 | (X) | 72 | (X) |
| Electric energy used for heat and power: | | | | | | |
| Purchased: | | | | | | |
| Quantity (million kWh) | 122 958.6 | 1 | 34 185.3 | 1 | 30 796.8 | 1 |
| Cost | 4 996.9 | (X) | 1 583.2 | (X) | 1 168.9 | (X) |
| Generated less sold (million kWh) | 14 119.1 | 1 | (S) | (X) | 180.0 | 3 |
| Gross book value of depreciable assets ³ : | | | | | | |
| Total: | | | | | | |
| Beginning of year | 88 973.1 | 1 | 43 378.6 | 1 | 22 993.8 | 2 |
| New capital expenditures | 8 540.0 | 2 | 6 351.6 | 1 | 2 040.9 | 5 |
| Used capital expenditures | 984.2 | 2 | 57.9 | 8 | 169.2 | 7 |
| Retirements | 3 372.4 | 3 | 1 284.7 | 3 | 1 053.8 | 4 |
| End of year | 95 124.9 | 1 | 48 503.4 | 1 | 24 150.2 | 2 |
| Buildings and other structures: | | | | | | |
| Beginning of year | 15 614.0 | 1 | 14 958.2 | 1 | 5 218.0 | 2 |
| New capital expenditures | 1 260.0 | 3 | 2 427.0 | 1 | 315.2 | 15 |
| Used capital expenditures | 79.0 | 22 | 29.1 | 10 | 21.8 | 18 |
| Retirements | 542.6 | 6 | 308.3 | 3 | 169.5 | 5 |
| End of year | 16 410.4 | 1 | 17 106.0 | 1 | 5 385.5 | 2 |
| Machinery and equipment: | | | | | | |
| Beginning of year | 73 359.1 | 1 | 28 420.4 | 1 | 17 775.8 | 2 |
| New capital expenditures | 7 280.0 | 2 | 3 924.5 | 1 | 1 725.7 | 5 |
| Automobiles, trucks, etc., for highway use | 81.8 | 5 | 24.1 | 6 | 39.3 | 7 |
| Computers and peripheral data processing equipment | 120.1 | 2 | 15.5 | 12 | 27.6 | 5 |
| All other | 5 791.3 | 2 | 3 461.5 | 1 | 1 310.2 | 6 |
| New machinery and equipment, n.s.k. ⁴ | 1 286.8 | 3 | 423.4 | 3 | 348.6 | 6 |
| Used capital expenditures | 905.2 | 1 | 28.8 | 10 | 147.4 | 7 |
| Retirements | 2 829.8 | 3 | 976.3 | 3 | 884.3 | 4 |
| End of year | 78 714.5 | 1 | 31 397.4 | 1 | 18 764.7 | 2 |
| Rental payments: | | | | | | |
| Total | 643.7 | 3 | 174.2 | 4 | 347.8 | 4 |
| Buildings and other structures | 179.8 | 5 | 35.2 | 5 | 188.0 | 6 |
| Machinery and equipment | 463.9 | 3 | 139.0 | 4 | 159.8 | 5 |
| Depreciation charges during 1982: | | | | | | |
| Total | 5 867.2 | 1 | 2 023.5 | 1 | 1 801.8 | 4 |
| Buildings and other structures | 732.3 | 1 | 591.3 | 1 | 248.5 | 4 |
| Machinery and equipment | 5 134.9 | 1 | 1 432.2 | 1 | 1 553.3 | 4 |

See footnotes at end of table.

**Table 3d. Supplemental Industry Statistics Based on Sample Estimates by Major Group:
1982—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued.]

| Item | Leather and leather products (SIC 31) | | Stone, clay, and glass products (SIC 32) | | Primary metal industries (SIC 33) | |
|---|--|--|---|--|---|--|
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | |
| Total | 403.6 | 2 | 2 437.1 | 1 | 6 947.3 | 1 |
| Legal costs | 209.6 | 2 | 998.4 | 1 | 2 001.4 | 1 |
| Voluntary costs | 194.0 | 2 | 1 438.7 | 1 | 4 945.9 | 1 |
| Purchased services: | | | | | | |
| Cost of purchased services for the repair of— | | | | | | |
| Buildings and other structures | 11.1 | 5 | 65.3 | 8 | 139.7 | 3 |
| Response coverage ratio (percent) ² | 66 | (X) | 67 | (X) | 73 | (X) |
| Machinery | 40.2 | 4 | 449.9 | 6 | 1 758.5 | 1 |
| Response coverage ratio (percent) ² | 70 | (X) | 72 | (X) | 78 | (X) |
| Cost of purchased communication services | 14.4 | 7 | 276.0 | 3 | 378.7 | 7 |
| Response coverage ratio (percent) ² | 68 | (X) | 71 | (X) | 81 | (X) |
| Electric energy used for heat and power: | | | | | | |
| Purchased: | | | | | | |
| Quantity (million kWh) | 1 210.9 | 1 | 27 973.6 | 1 | 123 216.1 | 1 |
| Cost | 71.7 | (X) | 1 307.5 | (X) | 4 567.9 | (X) |
| Generated less sold (million kWh) | 5.8 | 1 | 158.9 | 5 | 7 847.0 | 1 |
| Gross book value of depreciable assets³: | | | | | | |
| Total: | | | | | | |
| Beginning of year | 1 302.2 | 4 | 28 124.5 | 2 | 71 921.4 | 1 |
| New capital expenditures | 132.2 | 8 | 2 237.7 | 5 | 4 510.0 | 1 |
| Used capital expenditures | 18.9 | 22 | 212.9 | 16 | 295.1 | 4 |
| Retirements | 87.6 | 10 | 1 292.4 | 10 | 2 601.2 | 2 |
| End of year | 1 365.8 | 4 | 29 282.7 | 2 | 74 125.4 | 1 |
| Buildings and other structures: | | | | | | |
| Beginning of year | 446.8 | 3 | 6 050.1 | 2 | 12 862.7 | 1 |
| New capital expenditures | 29.6 | 10 | 312.5 | 6 | 549.3 | 2 |
| Used capital expenditures | 10.2 | 39 | 42.8 | 9 | 53.5 | 15 |
| Retirements | 23.7 | 14 | 237.1 | 12 | 292.5 | 4 |
| End of year | 463.0 | 3 | 6 168.3 | 2 | 13 173.0 | 1 |
| Machinery and equipment: | | | | | | |
| Beginning of year | 855.3 | 5 | 22 074.4 | 2 | 59 058.7 | 1 |
| New capital expenditures | 102.6 | 9 | 1 925.2 | 6 | 3 960.7 | 1 |
| Automobiles, trucks, etc., for highway use | 4.1 | 16 | 95.0 | 23 | 59.4 | 2 |
| Computers and peripheral data processing equipment | 3.7 | 14 | 27.8 | 11 | 93.5 | 2 |
| All other | 65.4 | 8 | 1 489.0 | 6 | 3 449.3 | 1 |
| New machinery and equipment, n.s.k. ⁴ | 29.3 | 25 | 313.5 | 16 | 358.7 | 5 |
| Used capital expenditures | 8.7 | 9 | 170.1 | 20 | 241.6 | 3 |
| Retirements | 63.9 | 9 | 1 055.3 | 10 | 2 308.7 | 2 |
| End of year | 902.8 | 5 | 23 114.4 | 2 | 60 952.3 | 1 |
| Rental payments: | | | | | | |
| Total | 73.3 | 5 | 255.3 | 4 | 394.3 | 2 |
| Buildings and other structures | 27.5 | 8 | 91.3 | 6 | 95.1 | 4 |
| Machinery and equipment | 45.8 | 7 | 164.1 | 5 | 299.2 | 2 |
| Depreciation charges during 1982: | | | | | | |
| Total | 108.6 | 4 | 1 878.8 | 2 | 3 443.6 | 1 |
| Buildings and other structures | 24.2 | 4 | 272.4 | 3 | 438.3 | 1 |
| Machinery and equipment | 84.4 | 4 | 1 606.4 | 2 | 3 005.2 | 1 |
| Item | Fabricated metal products (SIC 34) | | Machinery, except electrical (SIC 35) | | Electric and electronic equipment (SIC 36) | |
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | |
| Total | 6 833.2 | 1 | 10 850.5 | 1 | 8 841.3 | 1 |
| Legal costs | 2 707.0 | 1 | 4 017.4 | 1 | 3 163.3 | 1 |
| Voluntary costs | 4 126.2 | 1 | 6 833.1 | 1 | 5 678.0 | 1 |
| Purchased services: | | | | | | |
| Cost of purchased services for the repair of— | | | | | | |
| Buildings and other structures | 508.2 | 3 | 342.1 | 2 | 297.2 | 2 |
| Response coverage ratio (percent) ² | 68 | (X) | 77 | (X) | 79 | (X) |
| Machinery | 1 321.4 | 10 | 800.0 | 1 | 658.2 | 1 |
| Response coverage ratio (percent) ² | 73 | (X) | 79 | (X) | 81 | (X) |
| Cost of purchased communication services | 1 056.7 | 16 | 722.7 | 2 | 636.4 | 1 |
| Response coverage ratio (percent) ² | 73 | (X) | 79 | (X) | 81 | (X) |
| Electric energy used for heat and power: | | | | | | |
| Purchased: | | | | | | |
| Quantity (million kWh) | 25 531.6 | 1 | 30 563.5 | 1 | 28 879.7 | 1 |
| Cost | 1 405.6 | (X) | 1 652.0 | (X) | 1 494.9 | (X) |
| Generated less sold (million kWh) | (S) | (X) | 66.4 | 16 | 78.7 | 13 |
| Gross book value of depreciable assets³: | | | | | | |
| Total: | | | | | | |
| Beginning of year | 38 112.9 | 1 | 61 097.2 | 1 | 41 744.2 | 1 |
| New capital expenditures | 3 502.0 | 2 | 8 074.4 | 2 | 7 134.2 | 1 |
| Used capital expenditures | 442.6 | 6 | 625.3 | 8 | 453.8 | 3 |
| Retirements | 2 011.8 | 4 | 3 131.9 | 2 | 2 207.4 | 1 |
| End of year | 40 045.7 | 1 | 66 665.0 | 1 | 47 124.8 | 1 |

See footnotes at end of table.

Table 3d. Supplemental Industry Statistics Based on Sample Estimates by Major Group:
1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the industry reports previously published. These differences are due to corrections which were made for minor errors identified after the industry reports were issued.]

| Item | Fabricated metal products (SIC 34) | | Machinery, except electrical (SIC 35) | | Electric and electronic equipment (SIC 36) | |
|--|---------------------------------------|--|--|--|--|--|
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Gross book value of depreciable assets ³ —Con. | | | | | | |
| Buildings and other structures: | | | | | | |
| Beginning of year..... | 9 517.3 | 1 | 16 563.9 | 1 | 11 904.1 | 1 |
| New capital expenditures..... | 568.0 | 5 | 1 585.0 | 2 | 1 769.8 | 3 |
| Used capital expenditures..... | 86.0 | 14 | 189.1 | 17 | 187.0 | 4 |
| Retirements..... | 423.1 | 5 | 566.1 | 3 | 363.7 | 2 |
| End of year..... | 9 748.2 | 2 | 17 771.9 | 1 | 13 497.1 | 1 |
| Machinery and equipment: | | | | | | |
| Beginning of year..... | 28 595.5 | 1 | 44 533.3 | 1 | 29 840.2 | 1 |
| New capital expenditures..... | 2 934.0 | 2 | 6 489.4 | 2 | 5 364.4 | 1 |
| Automobiles, trucks, etc., for highway use..... | 114.6 | 6 | 131.4 | 5 | 61.1 | 4 |
| Computers and peripheral data processing equipment..... | 94.5 | 4 | 693.1 | 3 | 420.4 | 2 |
| All other..... | 2 057.6 | 2 | 4 387.6 | 2 | 4 106.6 | 1 |
| New machinery and equipment, n.s.k. ⁴ | 667.3 | 7 | 1 277.3 | 6 | 776.5 | 4 |
| Used capital expenditures..... | 356.6 | 6 | 436.1 | 6 | 266.8 | 3 |
| Retirements..... | 1 588.6 | 4 | 2 565.7 | 2 | 1 843.7 | 1 |
| End of year..... | 30 297.5 | 1 | 48 893.1 | 1 | 33 627.7 | 1 |
| Rental payments: | | | | | | |
| Total..... | 769.7 | 3 | 1 504.0 | 2 | 1 102.6 | 1 |
| Buildings and other structures..... | 383.4 | 4 | 739.9 | 2 | 514.9 | 2 |
| Machinery and equipment..... | 386.3 | 3 | 764.1 | 2 | 587.7 | 1 |
| Depreciation charges during 1982: | | | | | | |
| Total..... | 3 085.2 | 4 | 5 229.5 | 1 | 3 966.6 | 1 |
| Buildings and other structures..... | 539.5 | 16 | 770.2 | 2 | 628.2 | 2 |
| Machinery and equipment..... | 2 545.7 | 2 | 4 459.3 | 1 | 3 338.4 | 1 |
| Item | Transportation equipment (SIC 37) | | Instruments and related products (SIC 38) | | Miscellaneous manufacturing industries (SIC 39) | |
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | |
| Total..... | 12 317.5 | 1 | 2 654.7 | 1 | 1 089.5 | 1 |
| Legal costs..... | 3 698.8 | 1 | 1 041.4 | 1 | 526.3 | 1 |
| Voluntary costs..... | 8 620.7 | 1 | 1 613.3 | 1 | 563.2 | 2 |
| Purchased services: | | | | | | |
| Cost of purchased services for the repair of— | | | | | | |
| Buildings and other structures..... | 255.4 | 1 | 76.6 | 4 | 26.1 | 7 |
| Response coverage ratio (percent) ² | 84 | (X) | 74 | (X) | 41 | (X) |
| Machinery..... | 898.5 | 1 | 159.1 | 2 | 79.3 | 4 |
| Response coverage ratio (percent) ² | 85 | (X) | 78 | (X) | 65 | (X) |
| Cost of purchased communication services..... | 384.2 | 1 | 211.0 | 4 | 63.6 | 5 |
| Response coverage ratio (percent) ² | 87 | (X) | 80 | (X) | 67 | (X) |
| Electric energy used for heat and power: | | | | | | |
| Purchased: | | | | | | |
| Quantity (million kWh)..... | 28 846.0 | 1 | 6 348.5 | 1 | 3 652.5 | 1 |
| Cost..... | 1 504.9 | (X) | 360.3 | (X) | 213.7 | (X) |
| Generated less sold (million kWh)..... | (S) | (X) | (D) | (X) | 22.0 | 32 |
| Gross book value of depreciable assets ³ : | | | | | | |
| Total: | | | | | | |
| Beginning of year..... | 53 357.5 | 1 | 13 819.4 | 1 | 5 471.9 | 3 |
| New capital expenditures..... | 6 835.9 | 1 | 2 081.9 | 2 | 648.6 | 5 |
| Used capital expenditures..... | 1 041.8 | 1 | 141.8 | 6 | 58.4 | 12 |
| Retirements..... | 3 336.6 | 1 | 571.4 | 4 | 318.2 | 7 |
| End of year..... | 57 898.6 | 1 | 15 471.7 | 1 | 5 860.8 | 3 |
| Buildings and other structures: | | | | | | |
| Beginning of year..... | 14 426.5 | 1 | 4 399.6 | 2 | 1 818.7 | 5 |
| New capital expenditures..... | 1 388.1 | 1 | 462.6 | 4 | 179.7 | 8 |
| Used capital expenditures..... | 150.0 | 3 | 41.0 | 17 | 15.8 | 13 |
| Retirements..... | 324.0 | 2 | 110.5 | 9 | 76.9 | 15 |
| End of year..... | 15 640.7 | 1 | 4 792.7 | 2 | 1 937.2 | 5 |
| Machinery and equipment: | | | | | | |
| Beginning of year..... | 38 930.9 | 1 | 9 419.9 | 1 | 3 653.3 | 2 |
| New capital expenditures..... | 5 447.8 | 1 | 1 619.2 | 2 | 469.0 | 5 |
| Automobiles, trucks, etc., for highway use..... | 128.2 | 2 | 17.5 | 5 | 30.8 | 29 |
| Computers and peripheral data processing equipment..... | 241.6 | 1 | 145.1 | 3 | 20.5 | 11 |
| All other..... | 4 584.1 | 1 | 1 190.1 | 2 | 284.9 | 3 |
| New machinery and equipment, n.s.k. ⁴ | 494.0 | 4 | 266.6 | 5 | 132.8 | 14 |
| Used capital expenditures..... | 891.7 | 1 | 100.7 | 2 | 42.6 | 15 |
| Retirements..... | 3 012.6 | 1 | 460.8 | 4 | 241.3 | 7 |
| End of year..... | 42 257.9 | 1 | 10 679.0 | 1 | 3 923.6 | 2 |
| Rental payments: | | | | | | |
| Total..... | 868.0 | 1 | 372.9 | 3 | 203.1 | 4 |
| Buildings and other structures..... | 282.7 | 2 | 171.1 | 4 | 138.7 | 6 |
| Machinery and equipment..... | 585.3 | 2 | 201.8 | 3 | 64.4 | 5 |
| Depreciation charges during 1982: | | | | | | |
| Total..... | 4 257.1 | 1 | 1 131.4 | 1 | 476.9 | 4 |
| Buildings and other structures..... | 617.6 | 1 | 204.6 | 2 | 95.5 | 8 |
| Machinery and equipment..... | 3 639.5 | 1 | 926.8 | 1 | 381.5 | 4 |

See footnotes at end of table.

Table 3d. Supplemental Industry Statistics Based on Sample Estimates by Major Group: 1982—Con.

Note: Data for total new capital expenditures, new building expenditures, new machinery expenditures, and total used expenditures are also shown in table 3a. Data in table 3a are census universe totals and may differ from annual survey of manufactures (ASM) sample estimates shown in this table. Data in this table represent best estimates of year-to-year change as measured by the continuing ASM sample. However, they are subject to sampling error and, hence, as estimates of level, are not as reliable as universe figures shown in table 3a.

¹For description of relative standard error of estimate, see Qualifications of the Data in appendices.

²Measure of extent to which respondents reported each item derived by calculating the ratio of weighted employment for those sample establishments that reported the specific inquiry to weighted total employment for all sample establishments classified in industry. (See appendices for explanation of sample weight.)

³The 1982 data for new capital expenditures, retirements, and end-of-year assets included in table 3d of the final industry series for the 1982 Census of Manufactures were understated due to a processing error. This table shows the revised figures. The understatement varied by four-digit industry. At the total manufacturing level, it was 3.0 percent for new capital expenditures, 2.4 percent for retirements, and .2 percent for end-of-year assets.

⁴Represents total machinery and equipment expenditures for establishments that did not break down their expenditures by specific type.

Table 4. Employment Statistics for Operating Manufacturing Establishments and Auxiliaries by Major Group: 1982 and Earlier Census Years

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendices]

| SIC code | Major group and year | All establishments | | Operating manufacturing establishments | | Auxiliaries | |
|-------------|---|----------------------|---------------------------------|---|---------------------------------|----------------------|---------------------------------|
| | | Employees (1,000) | Payroll (million dollars) | Employees (1,000) | Payroll (million dollars) | Employees (1,000) | Payroll (million dollars) |
| | All industries ----- 1982 .. | 19 094.1 | 379 626.5 | 17 818.1 | 341 406.2 | 1 276.0 | 38 220.4 |
| | ----- 1977 .. | 19 590.1 | 264 013.1 | 18 515.9 | 242 031.9 | 1 074.2 | 21 981.2 |
| | ----- 1972 .. | 19 028.7 | 174 205.5 | 18 034.4 | 160 433.2 | 994.3 | 13 772.3 |
| | ----- 1967 .. | 19 323.2 | 132 208.4 | 18 492.0 | 123 480.6 | 831.2 | 8 727.9 |
| 20 | Food and kindred products ----- 1982 .. | 1 596.6 | 29 118.6 | 1 487.7 | 26 087.5 | 108.9 | 3 031.1 |
| | ----- 1977 .. | 1 622.3 | 20 472.7 | 1 520.2 | 18 543.6 | 102.1 | 1 929.1 |
| | ----- 1972 .. | 1 663.0 | 14 099.6 | 1 569.3 | 12 921.8 | 93.7 | 1 177.8 |
| | ----- 1967 .. | 1 725.9 | 10 841.5 | 1 649.6 | 10 076.8 | 76.3 | 764.7 |
| 21 | Tobacco products ----- 1982 .. | 72.1 | 1 716.7 | 57.9 | 1 323.5 | 14.2 | 393.3 |
| | ----- 1977 .. | 68.6 | 897.6 | 60.6 | 750.7 | 8.0 | 146.9 |
| | ----- 1972 .. | 74.3 | 595.7 | 66.3 | 502.1 | 8.0 | 93.6 |
| | ----- 1967 .. | 83.1 | 451.2 | 75.1 | 376.8 | 8.0 | 74.4 |
| 22 | Textile mill products ----- 1982 .. | 750.3 | 9 840.1 | 717.4 | 9 046.1 | 32.9 | 794.0 |
| | ----- 1977 .. | 908.6 | 8 434.4 | 875.4 | 7 881.4 | 33.2 | 553.0 |
| | ----- 1972 .. | 983.8 | 6 413.0 | 952.6 | 6 051.0 | 31.2 | 362.0 |
| | ----- 1967 .. | 954.0 | 4 610.6 | 929.0 | 4 390.9 | 25.0 | 219.7 |
| 23 | Apparel and other textile products ----- 1982 .. | 1 223.8 | 12 881.9 | 1 189.0 | 12 128.8 | 34.8 | 753.1 |
| | ----- 1977 .. | 1 361.8 | 10 062.2 | 1 334.3 | 9 658.6 | 27.5 | 403.6 |
| | ----- 1972 .. | 1 394.0 | 7 478.1 | 1 368.3 | 7 212.0 | 25.7 | 266.1 |
| | ----- 1967 .. | 1 372.9 | 5 722.2 | 1 356.7 | 5 582.2 | 16.2 | 140.0 |
| 24 | Lumber and wood products ----- 1982 .. | 598.3 | 9 051.6 | 576.4 | 8 444.5 | 21.9 | 607.1 |
| | ----- 1977 .. | 706.9 | 7 694.9 | 692.4 | 7 424.7 | 14.5 | 270.2 |
| | ----- 1972 .. | 703.4 | 5 131.3 | 691.0 | 4 985.6 | 12.4 | 145.7 |
| | ----- 1967 .. | 561.7 | 2 872.6 | 554.0 | 2 798.9 | 7.7 | 73.7 |
| 25 | Furniture and fixtures ----- 1982 .. | 446.6 | 6 336.3 | 436.0 | 6 083.7 | 10.6 | 252.6 |
| | ----- 1977 .. | 477.8 | 4 588.6 | 463.8 | 4 448.5 | 9.0 | 140.1 |
| | ----- 1972 .. | 468.5 | 3 286.3 | 462.0 | 3 205.4 | 6.5 | 80.9 |
| | ----- 1967 .. | 430.0 | 2 305.1 | 425.3 | 2 258.3 | 4.7 | 46.8 |
| 26 | Paper and allied products ----- 1982 .. | 636.9 | 14 857.1 | 605.6 | 12 947.5 | 31.3 | 1 909.6 |
| | ----- 1977 .. | 666.3 | 9 845.3 | 628.7 | 8 942.9 | 37.6 | 902.4 |
| | ----- 1972 .. | 667.8 | 6 465.5 | 633.4 | 5 992.1 | 34.4 | 473.4 |
| | ----- 1967 .. | 640.7 | 4 786.7 | 638.9 | 4 436.2 | 31.8 | 350.5 |
| 27 | Printing and publishing ----- 1982 .. | 1 340.1 | 23 912.1 | 1 291.8 | 22 706.9 | 48.3 | 1 205.2 |
| | ----- 1977 .. | 1 131.1 | 14 645.9 | 1 092.2 | 14 024.5 | 38.9 | 621.4 |
| | ----- 1972 .. | 1 085.5 | 10 162.1 | 1 056.5 | 9 831.2 | 29.0 | 330.9 |
| | ----- 1967 .. | 1 052.1 | 7 323.5 | 1 031.0 | 7 151.5 | 21.1 | 172.0 |
| 28 | Chemicals and allied products ----- 1982 .. | 1 079.1 | 27 462.5 | 872.6 | 20 835.7 | 206.5 | 6 626.8 |
| | ----- 1977 .. | 1 061.6 | 17 630.7 | 880.2 | 13 831.8 | 181.4 | 3 798.9 |
| | ----- 1972 .. | 995.0 | 10 908.2 | 836.5 | 8 730.5 | 158.5 | 2 177.7 |
| | ----- 1967 .. | 982.7 | 7 932.1 | 841.4 | 6 443.0 | 141.3 | 1 489.1 |
| 29 | Petroleum and coal products ----- 1982 .. | 227.6 | 6 906.9 | 151.6 | 4 338.7 | 76.0 | 2 568.2 |
| | ----- 1977 .. | 212.1 | 4 258.2 | 146.8 | 2 696.2 | 65.3 | 1 562.0 |
| | ----- 1972 .. | 209.5 | 2 633.7 | 139.5 | 1 637.5 | 70.0 | 996.2 |
| | ----- 1967 .. | 210.7 | 1 960.5 | 141.6 | 1 216.1 | 69.1 | 744.4 |
| 30 | Rubber and miscellaneous plastics products ----- 1982 .. | 713.4 | 12 568.8 | 681.7 | 11 596.8 | 31.7 | 972.0 |
| | ----- 1977 .. | 746.5 | 8 994.3 | 721.3 | 8 536.0 | 25.2 | 458.3 |
| | ----- 1972 .. | 635.1 | 5 381.9 | 617.7 | 5 165.2 | 17.4 | 216.7 |
| | ----- 1967 .. | 531.0 | 3 421.8 | 516.7 | 3 286.5 | 14.3 | 135.3 |
| 31 | Leather and leather products ----- 1982 .. | 208.8 | 2 423.3 | 199.8 | 2 218.5 | 9.0 | 204.8 |
| | ----- 1977 .. | 253.3 | 1 992.0 | 242.5 | 1 859.7 | 10.8 | 132.3 |
| | ----- 1972 .. | 285.5 | 1 706.2 | 273.4 | 1 589.3 | 12.1 | 116.9 |
| | ----- 1967 .. | 236.6 | 1 518.2 | 328.7 | 1 458.8 | 7.9 | 59.4 |
| 32 | Stone, clay, and glass products ----- 1982 .. | 573.3 | 11 262.2 | 531.5 | 10 096.7 | 41.8 | 1 165.5 |
| | ----- 1977 .. | 654.8 | 8 740.3 | 613.7 | 7 943.1 | 41.1 | 797.2 |
| | ----- 1972 .. | 660.7 | 6 035.1 | 623.2 | 5 546.9 | 37.5 | 488.2 |
| | ----- 1967 .. | 620.6 | 4 133.8 | 589.9 | 3 825.5 | 30.7 | 308.3 |
| 33 | Primary metal industries ----- 1982 .. | 901.6 | 21 998.4 | 854.1 | 20 602.7 | 47.5 | 1 395.7 |
| | ----- 1977 .. | 1 160.4 | 19 771.0 | 1 113.6 | 18 745.0 | 46.8 | 1 031.0 |
| | ----- 1972 .. | 1 185.3 | 12 784.8 | 1 142.8 | 12 166.5 | 42.5 | 618.3 |
| | ----- 1967 .. | 1 329.1 | 10 395.7 | 1 281.0 | 9 850.9 | 48.1 | 544.8 |
| 34 | Fabricated metal products ¹ ----- 1982 .. | 1 511.2 | 29 721.0 | 1 459.7 | 28 282.6 | 51.5 | 1 438.4 |
| | ----- 1977 .. | 1 605.8 | 22 022.4 | 1 555.7 | 21 035.9 | 50.1 | 986.5 |
| | ----- 1972 .. | 1 533.6 | 14 346.0 | 1 493.3 | 13 802.6 | 40.3 | 525.4 |
| | ----- 1967 .. | 1 375.1 | 9 670.0 | 1 341.8 | 9 319.5 | 33.3 | 350.5 |
| 35 | Machinery, except electrical ----- 1982 .. | 2 326.4 | 50 972.6 | 2 188.7 | 46 910.7 | 137.7 | 4 061.9 |
| | ----- 1977 .. | 2 176.4 | 32 442.3 | 2 083.3 | 30 557.5 | 93.1 | 1 884.8 |
| | ----- 1972 .. | 1 930.0 | 20 047.9 | 1 827.7 | 18 523.3 | 102.3 | 1 524.6 |
| | ----- 1967 .. | 1 929.4 | 14 930.2 | 1 864.5 | 14 226.3 | 64.9 | 703.9 |

See footnotes at end of table.

Table 4. Employment Statistics for Operating Manufacturing Establishments and Auxiliaries by Major Group: 1982 and Earlier Census Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| SIC code | Major group and year | All establishments | | Operating manufacturing establishments | | Auxiliaries | | |
|-------------|--|----------------------|---------------------------------|---|---------------------------------|----------------------|---------------------------------|---------|
| | | Employees (1,000) | Payroll (million dollars) | Employees (1,000) | Payroll (million dollars) | Employees (1,000) | Payroll (million dollars) | |
| 36 | Electric and electronic equipment ¹ ----- | 1982-- | 2 105.8 | 38 980.6 | 1 914.5 | 38 413.6 | 191.3 | 567.0 |
| | 1977-- | 1 863.1 | 25 385.1 | 1 723.1 | 22 544.2 | 140.0 | 2 840.9 | |
| | 1972-- | 1 801.0 | 17 200.5 | 1 662.2 | 15 200.1 | 138.8 | 2 000.4 | |
| | 1967-- | 1 980.6 | 14 106.5 | 1 874.9 | 12 968.0 | 105.7 | 1 138.5 | |
| 37 | Transportation equipment ¹ ----- | 1982-- | 1 704.3 | 44 519.9 | 1 595.9 | 40 811.9 | 108.4 | 3 708.0 |
| | 1977-- | 1 873.7 | 33 314.4 | 1 768.2 | 30 673.5 | 105.5 | 2 640.9 | |
| | 1972-- | 1 815.2 | 21 526.6 | 1 719.0 | 19 880.0 | 96.2 | 1 646.6 | |
| | 1967-- | 1 935.5 | 16 342.4 | 1 834.1 | 15 173.7 | 101.4 | 1 168.7 | |
| 38 | Instruments and related products ¹ ----- | 1982-- | 682.1 | 14 792.7 | 623.6 | 12 882.9 | 58.5 | 1 909.8 |
| | 1977-- | 591.9 | 8 212.0 | 559.1 | 7 520.4 | 32.8 | 691.6 | |
| | 1972-- | 481.7 | 4 688.4 | 454.1 | 4 296.7 | 27.6 | 391.7 | |
| | 1967-- | 409.6 | 2 980.8 | 394.3 | 2 821.6 | 15.3 | 159.2 | |
| 39 | Miscellaneous manufacturing industries ----- | 1982-- | 395.7 | 6 010.3 | 382.6 | 5 646.9 | 13.1 | 363.4 |
| | 1977-- | 451.9 | 4 596.5 | 440.7 | 4 406.4 | 11.2 | 190.1 | |
| | 1972-- | 456.0 | 3 321.1 | 445.6 | 3 184.6 | 10.4 | 136.5 | |
| | 1967-- | 431.2 | 2 375.1 | 423.1 | 2 291.0 | 8.1 | 84.1 | |

¹Major Group 19, Ordnance and Accessories, was eliminated as a separate major group in 1972 and its industries were reclassified to major groups 34, 36, 37, and 38.

Table 5. Selected Statistics for Auxiliaries by Major Group of Establishments Served: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| SIC code | Major group and auxiliaries | Estab-lish-ments (number) | Employees (1,000) | Payroll ¹ (million dollars) | SIC code | Major group and auxiliaries | Estab-lish-ments (number) | Employees (1,000) | Payroll ¹ (million dollars) |
|----------|---|---------------------------|-------------------|--|----------|---|---------------------------|-------------------|--|
| | Manufacturing, total² | 9 676 | 1 276.0 | 38 220.3 | 29 | Petroleum and coal products | 263 | 76.0 | 2 568.2 |
| | Administrative and managerial | 7 792 | 501.4 | (NA) | | Administrative and managerial | 203 | 34.1 | (NA) |
| | Office and Clerical | 6 157 | 255.2 | (NA) | | Office and Clerical | 154 | 21.0 | (NA) |
| | Research, development, and testing | 1 967 | 158.3 | (NA) | | Research, development, and testing | 40 | 13.2 | (NA) |
| | Warehousing | 2 087 | 57.4 | (NA) | | Warehousing | 32 | .4 | (NA) |
| | Electronic data processing | 2 357 | 56.8 | (NA) | | Electronic data processing | 50 | 3.9 | (NA) |
| | Other activities | 4 353 | 247.0 | (NA) | | Other activities | 98 | 3.3 | (NA) |
| 20 | Food and kindred products | 1 219 | 108.9 | 3 031.1 | 30 | Rubber and miscellaneous plastics products | 275 | 31.7 | 972.0 |
| | Administrative and managerial | 989 | 49.2 | (NA) | | Administrative and managerial | 250 | 11.0 | (NA) |
| | Office and Clerical | 744 | 30.4 | (NA) | | Office and Clerical | 199 | 9.5 | (NA) |
| | Research, development, and testing | 208 | 7.1 | (NA) | | Research, development, and testing | 75 | 5.4 | (NA) |
| | Warehousing | 284 | 4.0 | (NA) | | Warehousing | 53 | .9 | (NA) |
| | Electronic data processing | 288 | 5.7 | (NA) | | Electronic data processing | 80 | 1.7 | (NA) |
| | Other activities | 530 | 12.4 | (NA) | | Other activities | 108 | 3.2 | (NA) |
| 21 | Tobacco manufactures | 42 | 14.2 | 393.3 | 31 | Leather and leather products | 92 | 9.0 | 204.8 |
| | Administrative and managerial | 34 | 5.6 | (NA) | | Administrative and managerial | 74 | 3.1 | (NA) |
| | Office and Clerical | 31 | 4.3 | (NA) | | Office and Clerical | 61 | 2.3 | (NA) |
| | Research, development, and testing | 9 | .9 | (NA) | | Research, development, and testing | 16 | .7 | (NA) |
| | Warehousing | 14 | .4 | (NA) | | Warehousing | 34 | 1.7 | (NA) |
| | Electronic data processing | 10 | .3 | (NA) | | Electronic data processing | 30 | .7 | (NA) |
| | Other activities | 18 | 2.6 | (NA) | | Other activities | 46 | .8 | (NA) |
| 22 | Textile mill products | 331 | 32.9 | 794.0 | 32 | Stone, clay, and glass products | 568 | 41.8 | 1 165.5 |
| | Administrative and managerial | 289 | 11.5 | (NA) | | Administrative and managerial | 486 | 17.3 | (NA) |
| | Office and Clerical | 238 | 9.1 | (NA) | | Office and Clerical | 401 | 12.3 | (NA) |
| | Research, development, and testing | 71 | 1.3 | (NA) | | Research, development, and testing | 112 | 4.1 | (NA) |
| | Warehousing | 75 | 1.4 | (NA) | | Warehousing | 75 | .7 | (NA) |
| | Electronic data processing | 88 | 3.3 | (NA) | | Electronic data processing | 153 | 1.7 | (NA) |
| | Other activities | 162 | 6.2 | (NA) | | Other activities | 273 | 5.7 | (NA) |
| 23 | Apparel and other textile products | 461 | 34.8 | 753.1 | 33 | Primary metal industries | 501 | 47.5 | 1 395.7 |
| | Administrative and managerial | 406 | 10.4 | (NA) | | Administrative and managerial | 299 | 21.0 | (NA) |
| | Office and Clerical | 321 | 9.3 | (NA) | | Office and Clerical | 248 | 10.3 | (NA) |
| | Research, development, and testing | 49 | .9 | (NA) | | Research, development, and testing | 78 | 5.6 | (NA) |
| | Warehousing | 177 | 6.5 | (NA) | | Warehousing | 79 | .7 | (NA) |
| | Electronic data processing | 112 | 2.0 | (NA) | | Electronic data processing | 113 | 4.1 | (NA) |
| | Other activities | 198 | 5.7 | (NA) | | Other activities | 307 | 5.8 | (NA) |
| 24 | Lumber and wood products | 371 | 21.9 | 607.1 | 34 | Fabricated metal products | 627 | 51.5 | 1 438.4 |
| | Administrative and managerial | 324 | 6.9 | (NA) | | Administrative and managerial | 564 | 29.5 | (NA) |
| | Office and Clerical | 255 | 6.5 | (NA) | | Office and Clerical | 418 | 8.4 | (NA) |
| | Research, development, and testing | 51 | 2.1 | (NA) | | Research, development, and testing | 139 | 4.3 | (NA) |
| | Warehousing | 45 | .5 | (NA) | | Warehousing | 134 | 1.3 | (NA) |
| | Electronic data processing | 96 | 1.7 | (NA) | | Electronic data processing | 160 | 1.9 | (NA) |
| | Other activities | 187 | 4.2 | (NA) | | Other activities | 253 | 6.1 | (NA) |
| 25 | Furniture and fixtures | 127 | 10.6 | 252.6 | 35 | Machinery, except electrical | 1 052 | 137.7 | 4 061.9 |
| | Administrative and managerial | 103 | 2.5 | (NA) | | Administrative and managerial | 785 | 59.5 | (NA) |
| | Office and Clerical | 75 | 3.8 | (NA) | | Office and Clerical | 602 | 27.9 | (NA) |
| | Research, development, and testing | 20 | .3 | (NA) | | Research, development, and testing | 217 | 16.6 | (NA) |
| | Warehousing | 34 | .5 | (NA) | | Warehousing | 220 | 7.4 | (NA) |
| | Electronic data processing | 39 | .4 | (NA) | | Electronic data processing | 213 | 7.5 | (NA) |
| | Other activities | 64 | 3.1 | (NA) | | Other activities | 530 | 18.7 | (NA) |
| 26 | Paper and allied products | 260 | 31.3 | 1 099.6 | 36 | Electric and electronic equipment | 900 | 191.3 | 5 670.0 |
| | Administrative and managerial | 233 | 14.2 | (NA) | | Administrative and managerial | 772 | 63.6 | (NA) |
| | Office and Clerical | 201 | 7.3 | (NA) | | Office and Clerical | 626 | 37.7 | (NA) |
| | Research, development, and testing | 58 | 3.1 | (NA) | | Research, development, and testing | 201 | 39.9 | (NA) |
| | Warehousing | 44 | .8 | (NA) | | Warehousing | 269 | 7.6 | (NA) |
| | Electronic data processing | 91 | 1.8 | (NA) | | Electronic data processing | 264 | 9.9 | (NA) |
| | Other activities | 124 | 4.2 | (NA) | | Other activities | 384 | 32.7 | (NA) |
| 27 | Printing and publishing | 697 | 48.3 | 1 205.2 | 37 | Transportation equipment | 393 | 108.4 | 3 708.0 |
| | Administrative and managerial | 500 | 14.2 | (NA) | | Administrative and managerial | 298 | 32.4 | (NA) |
| | Office and Clerical | 374 | 16.4 | (NA) | | Office and Clerical | 248 | 21.8 | (NA) |
| | Research, development, and testing | 36 | .6 | (NA) | | Research, development, and testing | 106 | 29.2 | (NA) |
| | Warehousing | 102 | 4.7 | (NA) | | Warehousing | 75 | 3.7 | (NA) |
| | Electronic data processing | 99 | 2.5 | (NA) | | Electronic data processing | 93 | 7.8 | (NA) |
| | Other activities | 328 | 9.9 | (NA) | | Other activities | 153 | 13.6 | (NA) |
| 28 | Chemicals and allied products | 1 109 | 206.5 | 6 626.8 | 38 | Instruments and related products | 235 | 58.5 | 1 909.8 |
| | Administrative and managerial | 871 | 87.4 | (NA) | | Administrative and managerial | 195 | 13.4 | (NA) |
| | Office and Clerical | 722 | 24.2 | (NA) | | Office and Clerical | 151 | 14.6 | (NA) |
| | Research, development, and testing | 374 | 19.6 | (NA) | | Research, development, and testing | 82 | 12.7 | (NA) |
| | Warehousing | 243 | 10.3 | (NA) | | Warehousing | 50 | 1.0 | (NA) |
| | Electronic data processing | 270 | 3.6 | (NA) | | Electronic data processing | 72 | 4.1 | (NA) |
| | Other activities | 443 | 61.4 | (NA) | | Other activities | 93 | 12.8 | (NA) |
| | | | | | 39 | Miscellaneous manufacturing industries | 153 | 13.1 | 363.4 |
| | | | | | | Administrative and managerial | 117 | 4.5 | (NA) |
| | | | | | | Office and Clerical | 88 | 3.7 | (NA) |
| | | | | | | Research, development, and testing | 25 | 1.4 | (NA) |
| | | | | | | Warehousing | 48 | .6 | (NA) |
| | | | | | | Electronic data processing | 36 | 1.0 | (NA) |
| | | | | | | Other activities | 54 | 2.0 | (NA) |

¹Total payroll data for each industry group are estimates based on reported employment and average annual salaries determined from data collected in the 1982 Enterprise Statistics series.

²Detailed establishment data exceed totals since some establishments participate in more than one activity.

CHAPTER 3.

Product Class Statistics

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Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|---|-----------------|-------------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| 2011- | Meat packing plant products | 40 522.6 | 38 157.1 | 37 301.7 | 37 500.4 | 33 933.2 | 27 875.7 | 21 703.2 | 11 830.2 |
| 20111 | Beef, not canned or made into sausage | 20 606.7 | 20 314.3 | 20 170.8 | 19 896.4 | 17 741.7 | 14 095.8 | 11 790.1 | 7 398.5 |
| 20112 | Veal, not canned or made into sausage | 361.1 | 356.9 | 356.9 | 385.2 | 351.8 | 319.3 | 241.5 | 307.7 |
| 20113 | Lamb and mutton, not canned or made into sausage | 270.8 | 317.8 | 349.8 | 352.6 | 340.2 | 329.5 | 330.4 | 312.7 |
| 20114 | Pork, fresh and frozen | 8 071.8 | 7 791.9 | 7 428.3 | 7 584.4 | 6 889.1 | 5 647.5 | 4 221.0 | 2 791.0 |
| 20115 | Lard | 239.6 | 225.1 | 251.1 | 274.9 | 238.7 | 214.1 | 171.0 | 182.2 |
| 20116 | Pork, processed or cured (not canned or made into sausage), made in meat packing plants (also see code 20136) | 3 042.0 | 2 909.2 | 2 664.9 | 2 636.9 | 2 351.6 | 2 095.3 | 1 443.3 | (NA) |
| 20117 | Sausage and similar products (not canned) made in meat packing plants (also see code 20137) | 2 867.8 | 2 748.8 | 2 706.5 | 2 590.9 | 2 212.8 | 1 859.3 | 1 353.4 | (NA) |
| 20118 | Canned meats, except animal and baby foods, 20 percent or more meat, by slaughters (also see code 20138) | 658.2 | 622.4 | 611.6 | 650.5 | 595.9 | 561.7 | 622.1 | (NA) |
| 20119 | Hides, skins, and pelts | 867.1 | 783.0 | 899.3 | 1 278.2 | 1 025.9 | 807.7 | 580.4 | 276.3 |
| 2011A | Byproducts of meat packing plants, except sausage casings | 270.2 | | | | | | | |
| 20110 | Fresh and frozen meat from animals slaughtered in same establishment, n.s.k. | 3 267.3 | 2 087.7 | 1 862.4 | 1 850.4 | (S) | 1 945.5 | 950.0 | 561.7 |
| 2013- | Sausages and other prepared meats | 10 508.2 | 9 298.4 | 8 940.4 | 8 443.3 | 8 193.5 | 7 146.8 | 3 859.6 | (NA) |
| 20136 | Pork, processed, cured, or frozen, not canned or made into sausage, not made in slaughtering plants (also see code 20116) | 2 278.5 | 2 180.6 | 1 982.7 | 2 045.3 | 1 917.2 | 1 683.3 | 970.2 | (NA) |
| 20137 | Sausage and similar products, not canned, not made in slaughtering plant (also see code 20117) | 3 640.2 | 3 307.9 | 3 356.5 | 3 278.6 | 3 144.2 | 2 820.7 | 1 911.2 | (NA) |
| 20138 | Canned meats, exc. animal and baby foods, with 20 percent or more meat, not made by slaughters (also see code 20118) | 890.4 | 974.7 | 946.4 | 836.9 | 752.5 | 694.6 | 484.2 | (NA) |
| 2013A | Natural and collagen sausage casings | 259.8 | 237.6 | 242.2 | 235.0 | 236.5 | 233.2 | 2114.8 | - |
| 2013B | Other processed, frozen, or cooked meats | 1 764.9 | | | | | | | |
| 20130 | Sausage and other prepared meats, n.s.k. | 1 874.4 | 2 797.6 | 2 612.6 | 2 247.5 | 2 343.2 | 1 914.9 | 379.2 | 183.8 |
| 2016- | Poultry dressing plant products | 37 930.8 | 38 138.1 | 37 510.9 | 36 859.9 | 36 246.7 | 35 291.9 | 33 071.5 | (NA) |
| 20161 | Young chickens, including frozen, slaughtered in same establishment (also see code 20171) | 36 017.4 | 36 401.0 | 35 770.8 | 35 212.1 | 34 645.4 | 33 961.1 | 32 198.0 | (NA) |
| 20162 | Hen and/or fowl (including frozen, whole, or parts) slaughtered in same establishment (also see code 20172) | 3175.6 | 3204.1 | 3201.6 | 3195.1 | 3210.8 | 3229.5 | 3147.8 | (NA) |
| 20163 | Turkeys (including frozen, whole, or parts) slaughtered in same establishment (also see code 20173) | 31 272.4 | 31 421.6 | 31 363.8 | 31 268.4 | 31 161.1 | 30927.3 | 30538.9 | (NA) |
| 20164 | Other poultry and small game, including frozen, slaughtered in same establishment (also see code 20174) | 358.9 | 371.9 | 358.8 | 358.6 | 361.1 | 357.9 | 323.7 | (NA) |
| 20165 | Processed poultry and small game, except soups, slaughtered in same establishment (also see code 20175) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (NA) |
| 20160 | Poultry dressing plant products, n.s.k. | 406.5 | 39.5 | 115.9 | 125.7 | 168.3 | 116.1 | 163.1 | 134.3 |
| 2017- | Poultry and egg processing | 32 179.2 | 31 865.9 | 31 637.4 | 31 520.0 | 31 270.3 | 31 066.5 | 30525.5 | (NA) |
| 20171 | Young chickens (frozen) including broilers, fryers, roasters, and capons (also see code 20161) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (NA) |
| 20172 | Hens and/or fowl, frozen, (whole or parts) from purchased carcasses (also see code 20162) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (NA) |
| 20173 | Turkeys, frozen, (whole or parts) from purchased carcasses (also see code 20163) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (NA) |
| 20174 | Other poultry and small game, frozen, (whole or parts) from purchased carcasses (also see code 20164) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (NA) |
| 20175 | Processed poultry and small game, except soups, from purchased carcasses (also see code 20165) | 31 692.3 | 31 255.4 | 31 125.8 | 31 006.1 | 3003.7 | 3657.7 | 3358.1 | (NA) |
| 20179 | Liquid, dried and frozen eggs | 329.7 | 409.0 | 376.1 | 348.3 | 344.2 | 312.7 | 156.7 | 159.6 |
| 20170 | Poultry and egg processing, n.s.k. | 157.2 | 201.5 | 135.5 | 165.6 | 122.4 | 96.1 | 10.7 | (NA) |
| 20210 | Creamery butter | 1 975.7 | 1 720.2 | 1 456.8 | 1 220.3 | 1 229.9 | 1 109.7 | 791.1 | 836.5 |
| 2022- | Cheese, natural and processed | 9 486.9 | 9 331.5 | 8 575.0 | 7 174.3 | 6 100.0 | 5 528.1 | 2 753.7 | 1 533.8 |
| 20223 | Natural cheese, except cottage cheese | 5 625.6 | | | | | | | |
| 20224 | Process cheese and related products | 3 194.3 | 8 793.5 | 8 124.5 | 6 771.3 | 5 785.5 | 5 245.7 | 2 534.1 | 1 391.8 |
| 20225 | Cheese substitutes | 239.7 | | | | | | | |
| 20220 | Cheese, natural and processed, n.s.k. | 427.2 | 538.0 | 450.5 | 403.0 | (S) | 282.3 | 219.6 | 142.1 |
| 2023- | Condensed and evaporated milk | 5 041.4 | 4 457.3 | 3 897.3 | 3 487.6 | 3 145.2 | 3 086.1 | 1 706.2 | 1 422.7 |
| 20235 | Dry milk products, except substitutes | 2 425.4 | | | | | | | |
| 20236 | Canned milk products, except substitutes | 1 199.1 | 3 888.3 | 3 338.6 | 2 943.4 | 2 701.9 | 2 671.9 | 1 440.0 | 1 186.8 |
| 20237 | Concentrated milk products (bulk), except substitutes | 370.9 | | | | | | | |
| 20239 | Dairy product substitutes | 353.3 | | | | | | | |
| 20238 | Ice cream mix and related products | 531.0 | 436.6 | 428.3 | 402.7 | 334.6 | 293.2 | 227.7 | 201.1 |
| 20230 | Dry milk products, n.s.k. | 161.7 | 132.4 | 130.4 | 141.5 | (S) | 121.0 | 38.5 | 34.8 |
| 20240 | Ice cream and ices | 3 281.1 | 3 322.1 | 3 041.5 | 2 733.2 | 2 397.2 | 2 229.4 | 1 519.4 | 1 273.6 |
| 2026- | Fluid milk | 15 517.4 | 14 562.2 | 13 958.5 | 12 802.6 | 12 070.9 | 11 602.8 | 7 662.7 | 6 603.4 |
| 20261 | Bulk fluid milk and cream | 3 037.6 | 2 902.7 | 2 807.0 | 2 333.1 | 2 399.9 | 2 123.8 | 1 258.9 | 923.5 |
| 20262 | Packaged fluid milk and related products | 9 115.0 | 9 163.2 | 8 790.3 | 8 190.7 | 7 643.5 | 7 345.5 | 5 078.9 | 4 454.9 |
| 20263 | Cottage cheese | 683.2 | 856.5 | 840.9 | 729.3 | 588.5 | 545.6 | 340.9 | 218.0 |
| 20265 | Yogurt, except frozen | 403.7 | | | | | | | |
| 20266 | Other packaged milk products, n.e.c. | 699.3 | 1 067.6 | 1 065.0 | 950.2 | 911.8 | 851.7 | 423.1 | 286.0 |
| 20260 | Fluid milk, n.s.k. | 1 578.7 | 572.2 | 455.2 | 599.3 | (S) | 736.3 | 560.9 | 721.0 |
| 2032- | Canned specialties | 3 484.6 | 3 169.9 | 2 998.8 | 2 748.1 | 2 604.3 | 2 429.0 | 1 629.9 | 944.4 |
| 20321 | Canned baby foods, except cereal and biscuits ⁴ | 596.4 | 556.2 | 557.0 | 456.7 | 445.7 | 401.3 | 346.7 | (NA) |
| 20323 | Canned dry beans | 735.3 | 684.4 | 632.8 | 599.9 | 591.6 | 556.5 | 305.8 | 246.1 |
| 20322 | Canned soups, except frozen or seafood | | | | | | | | |
| 20324 | Canned specialties and canned nationality foods | 52 035.0 | 1 929.3 | 1 808.4 | 1 691.5 | 1 567.1 | 1 471.2 | 977.4 | 698.3 |
| 20320 | Canned specialties, n.s.k. | 117.8 | | | | | | | |
| 2033- | Canned fruits and vegetables | 9 255.3 | 9 064.9 | 8 342.9 | 8 345.0 | 7 451.7 | 6 621.4 | 3 922.9 | 3 222.3 |
| 20331 | Canned fruits, except baby foods | 1 590.6 | 1 759.3 | 1 718.4 | 1 711.1 | 1 482.9 | 1 289.3 | 828.6 | 818.3 |
| 20332 | Canned vegetables, except hominy and mushrooms | 2 047.2 | 1 967.2 | 1 745.9 | 1 855.8 | 1 860.7 | 1 650.9 | 1 067.1 | 957.5 |
| 20333 | Canned hominy and mushrooms | 139.0 | 163.4 | 154.2 | 167.0 | 155.8 | 149.8 | 98.2 | 51.6 |
| 20335 | Canned vegetable juices | 270.3 | 293.8 | 296.0 | 301.0 | 289.0 | 251.8 | 155.7 | 104.2 |
| 20336 | Catsup and other tomato sauces, pastes, etc. | 2 174.4 | 1 849.4 | 1 652.0 | 1 485.0 | 1 416.0 | 1 350.0 | 603.3 | 507.7 |
| 20338 | Jams, jellies, and preserves | 603.0 | 609.4 | 557.0 | 480.0 | 412.2 | 396.9 | 280.3 | 245.2 |
| 2033A | Canned fruit juices, nectars, and concentrates | 1 409.9 | | | | | | | |
| 2033B | Fresh fruit juices and nectars, single strength | 652.2 | 2 198.7 | 1 992.2 | 1 927.8 | 1 418.1 | 1 223.4 | 709.2 | 413.5 |
| 20330 | Canned fruits and vegetables, n.s.k. | 368.7 | 223.7 | 227.2 | 417.4 | (S) | 309.4 | 180.5 | 124.3 |
| 2034- | Dehydrated fruits, vegetables, and soups⁶ | 1 749.2 | 1 722.9 | 1 590.1 | 1 425.5 | 1 411.8 | 1 200.2 | 625.6 | 450.9 |
| 20341 | Dried and dehydrated fruits and vegetables ⁶ | 1 324.5 | 1 397.8 | 1 282.4 | 1 110.8 | 1 045.0 | 898.6 | 466.2 | 344.9 |
| 20342 | Soup mixes, dried ⁶ | 332.8 | 259.9 | 254.7 | 248.7 | (S) | 224.7 | 126.7 | 76.4 |
| 20340 | Dehydrated fruits, vegetables, and soups, n.s.k. ⁶ | 91.9 | 65.2 | 52.9 | 66.0 | (S) | 76.9 | 32.7 | 29.6 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|---|----------|-------------------|-------------------|-------------------|-------------------|---------|---------|----------|
| 2035- | Pickles, sauces, and salad dressings..... | 3 252.7 | 3 277.6 | 2 897.7 | 2 650.5 | 2 455.3 | 2 242.8 | 1 165.1 | 792.9 |
| 20352 | Pickles and other pickled products..... | 694.5 | 745.1 | 675.1 | 643.0 | 655.2 | 553.2 | 362.5 | 260.6 |
| 20353 | Prepared sauces, except tomato..... | 540.0 | 430.6 | 348.8 | 311.5 | 271.7 | 261.6 | 151.3 | 98.5 |
| 20354 | Mayonnaise, salad dressings, and sandwich spreads..... | 1 815.4 | 1 930.5 | 1 704.5 | 1 551.6 | 1 412.7 | 1 292.3 | 576.0 | 373.9 |
| 20350 | Pickles, sauces, and salad dressing, n.s.k. | 202.7 | 171.4 | 169.3 | 144.3 | 115.8 | 135.7 | 75.3 | 59.9 |
| 2037- | Frozen fruits and vegetables..... | 5 062.0 | 4 491.7 | 3 861.2 | 3 553.5 | 3 651.7 | 3 047.2 | 1 648.7 | 999.4 |
| 20371 | Frozen fruits, juices, ades, drinks, and cocktails..... | 1 860.4 | 1 707.3 | 1 424.9 | 1 331.1 | 1 404.4 | 1 153.5 | 733.6 | 419.5 |
| 20372 | Frozen vegetables..... | 3 089.7 | 2 647.2 | 2 299.8 | 2 114.2 | 2 147.8 | 1 797.9 | 915.1 | 579.9 |
| 20370 | Frozen fruits and vegetables, n.s.k. | 111.9 | 137.2 | 136.6 | 108.1 | 99.5 | 95.8 | (X) | (?) |
| 2038- | Frozen specialties..... | 4 417.2 | 4 106.8 | 3 940.6 | 3 775.8 | 3 585.5 | 2 911.9 | 1 742.6 | 71 021.3 |
| 20381 | Frozen pies and other frozen baked goods..... | 1 292.5 | 1 060.5 | 1 097.1 | 1 019.9 | 933.6 | 770.3 | 387.5 | 889.4 |
| 20382 | Frozen dinners, meat pies, and nationality foods..... | 2 356.6 | 1 907.3 | 1 741.8 | 1 704.0 | 1 735.2 | 1 297.7 | 702.0 | |
| 20383 | Other frozen specialties..... | 624.3 | 957.1 | 949.1 | 892.5 | 757.0 | 718.2 | 492.5 | |
| 20380 | Frozen specialties, n.s.k. | 143.8 | 181.9 | 152.6 | 159.3 | 159.7 | 125.7 | 160.6 | 7131.9 |
| 2041- | Flour and other grain mill products..... | 4 871.6 | 5 301.3 | 4 911.1 | 4 211.7 | 3 715.3 | 3 678.6 | 2 374.1 | 2 322.5 |
| 20411 | Wheat flour, except flour mixes..... | 3 102.3 | 3 240.6 | 3 083.6 | 2 680.8 | 2 290.9 | 2 208.9 | 1 626.7 | 1 557.7 |
| 20412 | Wheat mill products other than flour..... | 478.5 | 648.2 | 487.8 | 411.0 | 455.4 | 455.4 | 222.6 | 204.3 |
| 20413 | Corn mill products..... | 553.8 | 666.6 | 610.6 | 527.4 | 444.1 | 413.3 | 242.0 | 261.8 |
| 20415 | Flour mixes and refrigerated doughs made in flour mills (also see code 20450)..... | 382.4 | 367.6 | 300.1 | 263.5 | 246.7 | 287.2 | 143.5 | 148.6 |
| 20416 | Other grain mill products..... | 165.6 | 246.2 | 212.2 | 161.9 | 97.0 | 98.3 | 45.5 | 43.4 |
| 20410 | Flour and other grain mill products, n.s.k. | 188.9 | 132.1 | 111.9 | 90.3 | 225.6 | 215.5 | 93.8 | 106.7 |
| 20430 | Cereal breakfast foods..... | 3 111.5 | 2 877.4 | 2 548.1 | 2 216.4 | 1 954.4 | 1 832.9 | 934.6 | 715.7 |
| 20440 | Milled rice and byproducts..... | 1 897.4 | 2 317.1 | 1 797.0 | 1 361.1 | 1 416.2 | 1 242.3 | 671.3 | 548.0 |
| 20450 | Prepared flour mixes and refrigerated doughs, not made in flour mills (also see code 20415)..... | 1 691.8 | 1 633.9 | 1 534.2 | 1 431.8 | 1 290.0 | 1 204.3 | 652.6 | 496.3 |
| 2046- | Wet corn milling..... | 3 105.7 | 3 415.9 | 2 792.5 | 2 174.7 | 2 032.4 | 1 946.1 | 786.6 | 646.6 |
| 20461 | Corn sweeteners..... | 1 610.4 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 20462 | Manufactured starch..... | 655.1 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 20463 | Corn oil..... | 234.9 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 20464 | Wet process corn byproducts..... | 577.7 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 20460 | Wet corn milling products, n.s.k. | 27.6 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2047- | Dog, cat, and other pet food..... | 4 439.8 | 4 324.7 | 3 804.6 | 3 390.2 | 3 265.6 | 3 071.0 | 1 451.1 | 806.7 |
| 20473 | Dog food..... | 2 655.4 | 4 189.1 | 3 684.0 | 3 262.6 | 4 203.6 | 2 985.2 | 1 451.1 | 806.7 |
| 20474 | Cat food..... | 1 272.9 | | | | | | | |
| 20475 | Other pet food, including horsemeat..... | 79.2 | | | | | | | |
| 20476 | Specialty feeds (except pet food)..... | 279.7 | 135.6 | 120.6 | 127.5 | (S) | 85.7 | (NA) | (NA) |
| 20470 | Dog, cat, and other pet food, n.s.k. | 152.5 | | | | | | | |
| 2048- | Prepared feeds, n.e.c. | 10 488.2 | 10 699.8 | 10 147.0 | 9 707.9 | 8 483.6 | 8 350.2 | 4 658.2 | 3 724.2 |
| 20481 | Poultry feed, except duck and goose..... | 3 642.1 | 3 570.8 | 3 268.4 | 3 103.5 | 2 736.3 | 2 758.6 | 1 440.5 | 1 400.7 |
| 20482 | Dairy cattle feed, complete..... | 1 473.9 | 1 669.1 | 1 617.6 | 1 432.2 | 1 126.4 | 1 145.6 | 561.4 | 504.4 |
| 20483 | Dairy cattle feed supplements and concentrates..... | 544.3 | 622.6 | 565.5 | 474.8 | 331.4 | 308.5 | 194.9 | |
| 20484 | Swine feed, complete..... | 585.9 | 687.3 | 693.3 | 758.8 | 588.0 | 575.8 | 300.7 | |
| 20485 | Swine feed supplements and concentrates..... | 1 113.7 | 1 084.7 | 1 096.5 | 1 112.6 | 954.6 | 892.3 | 453.5 | 347.8 |
| 20486 | Beef cattle feed, complete..... | 511.4 | 428.3 | 423.8 | 401.6 | 381.0 | 367.1 | 238.5 | |
| 20487 | Beef cattle feed supplements and concentrates..... | 607.7 | 778.5 | 768.6 | 722.3 | 626.5 | 603.8 | 307.5 | |
| 20488 | Other poultry and livestock feed..... | 400.6 | 387.6 | 339.0 | 334.6 | 359.5 | 337.9 | 237.3 | 127.7 |
| 20489 | Other prepared animal feeds..... | 361.2 | 382.6 | 378.0 | 373.8 | 393.6 | 338.0 | 167.7 | 168.5 |
| 20480 | Prepared feed, n.e.c., n.s.k. | 1 247.4 | 1 088.3 | 996.3 | 993.7 | (S) | 1 022.6 | 756.2 | 609.8 |
| 2051- | Bread, cake, and related products..... | 11 028.1 | 10 654.3 | 10 154.9 | 9 158.9 | 8 243.2 | 7 965.9 | 5 180.8 | 4 320.6 |
| 20511 | Bread—white, wheat, and rye (including frozen) ⁸ | 4 698.1 | 4 760.9 | 4 441.6 | 3 996.3 | 3 667.1 | 3 500.7 | 2 454.8 | 2 793.5 |
| 20512 | Rolls, bread-type, including stuffing and crumbs ⁹ | 2 437.7 | 2 250.4 | 2 086.1 | 1 916.5 | 1 811.4 | 1 679.6 | 917.5 | |
| 20513 | Sweet yeast goods, except frozen..... | 760.7 | 924.8 | 824.6 | 730.4 | 608.2 | 640.4 | 430.3 | |
| 20514 | Soft cakes, except frozen..... | 1 231.2 | 1 368.9 | 1 387.6 | 1 285.6 | 961.5 | 949.9 | 552.0 | 478.6 |
| 20515 | Pies (fruit and custard), except frozen..... | 394.5 | 391.0 | 385.8 | 348.5 | 312.1 | 297.1 | 224.2 | 226.7 |
| 20516 | Pastries..... | 39.2 | 40.8 | 40.3 | 39.1 | 43.1 | 31.2 | 49.5 | 51.2 |
| 20517 | Doughnuts (cake type)..... | 465.2 | 459.2 | 379.8 | 314.4 | 316.9 | 241.1 | 179.3 | 164.0 |
| 20510 | Bread, cake, and related products, n.s.k. | 1 001.5 | 458.3 | 609.2 | 528.2 | (S) | 625.9 | 373.2 | 213.6 |
| 2052- | Cookies and crackers..... | 4 435.8 | 4 033.7 | 3 640.1 | 3 376.4 | 3 074.7 | 2 812.4 | 1 713.3 | 1 349.5 |
| 20521 | Crackers, pretzels, biscuits, and related products..... | 1 827.8 | 1 769.1 | 1 640.5 | 1 510.6 | 1 305.4 | 1 168.9 | 715.1 | 494.0 |
| 20522 | Cookies, wafers, and ice cream cones and cups..... | 2 480.8 | 2 186.3 | 1 930.8 | 1 803.3 | 1 695.6 | 1 578.4 | 976.4 | 832.2 |
| 20520 | Cookies and crackers, n.s.k. | 127.2 | 78.3 | 68.8 | 62.5 | 73.7 | 65.1 | 21.8 | 23.3 |
| 20610 | Sugar cane mill products and byproducts..... | 1 091.2 | 1 327.1 | 1 477.4 | 878.3 | 753.6 | 707.6 | 419.5 | 363.5 |
| 20620 | Refined cane sugar and byproducts..... | 2 992.3 | 3 744.6 | 4 028.5 | 2 676.8 | 2 211.7 | 2 168.0 | 1 746.4 | 1 336.2 |
| 20630 | Refined beet sugar and byproducts..... | 1 506.3 | 1 830.1 | 1 755.8 | 1 239.3 | 1 242.0 | 1 160.4 | 866.4 | 550.8 |
| 2065- | Confectionery products..... | 6 225.1 | 5 918.0 | 5 399.1 | 4 855.6 | 4 432.1 | 4 170.2 | 2 334.8 | 1 812.7 |
| 20652 | Chocolate and chocolate-type confectionery products, made from purchased chocolate (also see code 20662)..... | 2 719.6 | 2 486.7 | 2 211.8 | 1 841.5 | 1 655.2 | 1 709.3 | 1 704.3 | 1 380.3 |
| 20653 | Nonchocolate-type products..... | 1 593.7 | 1 527.9 | 1 334.4 | 1 316.6 | 1 354.1 | 1 241.7 | | |
| 20657 | Nuts and seeds (salted, roasted, cooked, or blanched)..... | 1 494.3 | 1 541.1 | 1 519.4 | 1 502.1 | 1 275.7 | 1 004.0 | 526.8 | 316.8 |
| 20659 | Other confectionery-type products..... | 76.6 | | | | | | | |
| 20650 | Confectionery products, n.s.k. | 340.9 | | | | | | | |
| 2066- | Chocolate and cocoa products..... | 2 262.1 | 2 253.7 | 2 127.9 | 2 037.1 | 1 848.4 | 1 603.3 | 724.0 | 546.4 |
| 20661 | Chocolate coatings..... | 352.7 | 390.5 | 428.6 | 384.1 | 374.5 | 340.9 | 167.0 | 137.8 |
| 20662 | Chocolate and chocolate-type confections, made from beans ground in the same establishment (also see code 20652)..... | 1 040.1 | 1 060.9 | 1 015.4 | 880.1 | 704.7 | 565.4 | 288.7 | 205.1 |
| 20668 | Other chocolate and cocoa products, made from beans or nibs ground in same establishment (also see code 20998)..... | 823.2 | 700.6 | 662.0 | 757.5 | 746.9 | 680.6 | 262.5 | 192.8 |
| 20660 | Chocolate and cocoa products, n.s.k. | 46.0 | 101.7 | 22.0 | 15.5 | (S) | 16.4 | 5.8 | 10.7 |
| 20670 | Chewing gum and chewing gum base..... | 817.2 | 852.0 | 782.3 | 787.3 | 753.8 | 649.3 | 384.8 | 271.9 |
| 2074- | Cottonseed oil mill products..... | 812.2 | 902.0 | 900.4 | 884.2 | 854.7 | 763.1 | 410.7 | 365.7 |
| 20741 | Cottonseed oil, crude..... | 150.2 | 144.4 | 182.3 | 207.1 | 152.2 | 146.6 | 125.9 | 114.8 |
| 20742 | Cottonseed oil, once-refined..... | 219.7 | 252.3 | 268.5 | 263.9 | 292.0 | 236.5 | 73.4 | 56.2 |
| 20743 | Cotton linters..... | 70.0 | 75.4 | 84.7 | 64.1 | 56.1 | 43.4 | 29.2 | 38.3 |
| 20744 | Cottonseed cake and meal and other byproducts..... | 360.1 | 404.5 | 353.2 | 338.9 | 339.2 | 323.9 | 175.0 | 148.0 |
| 20740 | Cottonseed oil mills, n.s.k. | 12.1 | 25.4 | 11.7 | 10.1 | (S) | 12.6 | 7.2 | 8.4 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|--|-----------------|-------------------|-------------------|-------------------|-------------------|----------------|----------------|----------------|
| 2075- | Soybean oil mill products | 7 257.4 | 7 989.1 | 8 433.6 | 7 722.8 | 6 907.1 | 6 116.5 | 2 652.1 | 1 740.8 |
| 20751 | Soybean oil | 2 375.4 | 2 484.7 | 3 007.4 | 2 950.6 | 2 707.4 | 2 070.1 | 802.2 | 594.3 |
| 20752 | Soybean cake, meal, and other byproducts | 4 836.2 | 5 360.0 | 5 367.9 | 4 721.0 | 4 169.3 | 4 016.7 | 1 844.1 | 1 143.4 |
| 20750 | Soybean oil mills, n.s.k. | 45.7 | 144.4 | 58.4 | (S) | (S) | 29.7 | 5.8 | 3.1 |
| 2076- | Vegetable oil mill products, n.e.c. | 544.3 | 686.6 | 591.9 | 524.5 | 448.7 | 401.0 | 263.4 | 205.9 |
| 20761 | Linseed oil | 84.1 | 103.7 | 88.9 | 95.0 | 85.1 | 72.5 | 44.4 | 48.2 |
| 20762 | Vegetable oils | 372.1 | 453.7 | 399.2 | 337.9 | 262.8 | 210.8 | 157.4 | 113.4 |
| 20763 | Other vegetable oil mill products | 84.8 | 103.9 | 89.0 | 78.9 | 72.2 | 86.9 | 59.2 | 41.8 |
| 20760 | Vegetable oil mills, n.e.c., n.s.k. | 3.3 | 25.3 | 14.7 | 12.6 | (S) | 30.8 | 2.4 | 2.5 |
| 2077- | Animal and marine fats and oils | 2 337.1 | 2 695.9 | 2 705.4 | 2 828.1 | 2 449.8 | 2 102.2 | 977.1 | 709.4 |
| 20771 | Grease and inedible tallow | 938.0 | 1 130.3 | 1 182.0 | 1 275.7 | 1 145.0 | 989.4 | 419.4 | 302.6 |
| 20772 | Feed and fertilizer byproducts | 1 093.5 | 1 061.7 | 1 086.9 | 1 033.9 | 834.4 | 753.9 | 389.2 | 277.8 |
| 20773 | Animal and marine oil mill products, including foots | 205.4 | 304.7 | 217.9 | 258.5 | 293.4 | 250.4 | 121.8 | 96.3 |
| 20770 | Animal and marine fats and oils, n.s.k. | 100.2 | 199.2 | 218.6 | 259.9 | (S) | 108.4 | 46.7 | 32.7 |
| 2079- | Shortening and cooking oils | 5 340.5 | 5 628.7 | 5 464.7 | 5 550.9 | 5 016.8 | 4 272.2 | 2 274.5 | 1 690.4 |
| 20791 | Shortening and cooking oils | 4 028.6 | 4 335.3 | 4 148.2 | 4 260.8 | 3 705.0 | 3 166.8 | 1 685.8 | 1 233.6 |
| 20792 | Margarine | 1 225.1 | 1 259.8 | 1 312.8 | 1 289.6 | 1 267.5 | 1 070.4 | 586.3 | 456.5 |
| 20790 | Shortening and cooking oils, n.s.k. | 86.8 | 33.6 | (S) | (S) | (S) | 35.5 | 2.4 | .3 |
| 2082- | Malt beverages | 11 105.6 | 10 115.0 | 9 298.1 | 8 491.4 | 7 500.4 | 6 612.9 | 4 038.7 | 2 900.3 |
| 20821 | Canned beer and ale case goods | 5 984.9 | 5 307.5 | 4 742.7 | 4 282.1 | 3 922.6 | 3 548.9 | 2 206.3 | (NA) |
| 20822 | Bottled beer and ale case goods | 3 964.6 | 3 682.7 | 3 518.3 | 3 315.4 | 2 713.4 | 2 263.1 | 1 416.6 | (NA) |
| 20823 | Beer and ale in barrels and kegs | 686.7 | 621.4 | 554.5 | 466.7 | 411.4 | 398.1 | 264.1 | (NA) |
| 20824 | All other malt beverages and brewing products | 441.8 | 499.9 | 466.2 | 409.4 | 511.8 | 379.7 | 116.6 | (NA) |
| 20820 | Malt beverages, n.s.k. | 27.6 | 3.5 | 16.4 | 17.8 | (S) | 23.1 | 35.1 | (NA) |
| 20830 | Malt and malt byproducts | 654.7 | 729.2 | 664.2 | 529.3 | 434.2 | 488.9 | 212.8 | 200.0 |
| 20840 | Wines, brandy, and brandy spirits | 2 719.5 | 2 549.5 | 2 283.6 | 1 995.7 | 1 569.0 | 1 357.7 | 851.0 | 414.9 |
| 2085- | Distilled liquor, except brandy | 2 809.3 | 3 164.3 | 2 905.6 | 2 575.3 | 2 307.5 | 1 955.0 | 1 557.2 | 1 246.1 |
| 20851 | Distilled liquor, except brandy | 345.4 | 645.5 | 517.4 | 247.3 | 283.7 | 205.7 | 153.7 | 202.3 |
| 20853 | Bottled liquors, except brandy | 2 411.3 | 2 470.2 | 2 339.1 | 2 272.3 | 1 981.8 | 1 703.3 | 1 396.3 | 1 043.8 |
| 20850 | Distilled liquor, except brandy, n.s.k. | 52.6 | 48.6 | 49.1 | 55.8 | (S) | 46.0 | 7.2 | - |
| 2086- | Bottled and canned soft drinks | 14 891.9 | 13 340.5 | 11 995.1 | 10 743.8 | 9 682.8 | 8 503.6 | 4 807.2 | 2 996.8 |
| 20861 | Bottled and canned soft drinks | 11 089.1 | | | | | | | |
| 20862 | Fruit drinks, cocktails, and ades, with some real juice | 908.4 | | | | | | | |
| 20860 | Bottled and canned soft drinks, n.s.k. | 2 894.3 | | | | | | | |
| 2087- | Flavoring extracts and syrups, n.e.c. | 4 455.8 | 4 051.6 | 3 627.5 | 3 023.0 | 3 095.8 | 2 620.7 | 1 452.9 | 1 037.9 |
| 20871 | Flavoring extracts, emulsions, and other liquid flavors | 346.5 | 451.7 | 342.5 | 297.4 | 262.1 | 226.4 | 119.0 | 95.0 |
| 20872 | Liquid beverage bases, not for use by soft drink bottlers | 177.9 | 331.1 | 310.6 | 243.9 | (S) | 213.0 | 97.9 | 129.9 |
| 20873 | Liquid beverage bases for use by soft drink bottlers | 1 850.5 | 1 498.1 | 1 471.5 | 1 126.0 | 1 061.5 | 919.6 | 637.1 | 353.0 |
| 20874 | Other flavoring agents, except chocolate syrups | 1 758.3 | 1 561.2 | 1 361.1 | 1 221.2 | 1 199.5 | 1 062.7 | 527.0 | 410.6 |
| 20870 | Flavoring extracts and syrups, n.e.c., n.s.k. | 322.5 | 209.5 | 141.8 | 134.5 | (S) | 199.0 | 71.9 | 49.4 |
| 20910 | Canned and cured seafood, including soup | 1 267.1 | 1 420.3 | 1 344.4 | 1 248.0 | 1 114.7 | 1 025.5 | 587.8 | 421.1 |
| 2092- | Fresh or frozen packaged fish | 3 714.0 | 3 293.0 | 3 152.6 | 3 129.4 | 2 932.3 | 2 459.2 | 1 016.8 | 529.7 |
| 20922 | Prepared fresh fish and seafood | 578.3 | 807.0 | 745.8 | 658.7 | (S) | 460.5 | 135.2 | 66.6 |
| 20923 | Frozen fish, excluding shellfish | 1 033.9 | 997.1 | 1 015.8 | 1 067.6 | 1 039.9 | 744.4 | 314.7 | (NA) |
| 20924 | Frozen shellfish | 1 397.5 | 1 145.1 | 1 059.0 | 1 066.6 | 926.8 | 887.6 | 415.8 | 463.1 |
| 20920 | Fresh or frozen packaged fish, n.s.k. | 704.3 | 343.8 | 331.9 | 336.5 | (S) | 366.8 | 151.1 | (NA) |
| 2095- | Roasted coffee | 5 122.7 | 4 993.2 | 5 588.2 | 5 350.2 | 5 485.5 | 5 217.8 | 2 163.4 | 1 793.9 |
| 20951 | Roasted coffee, whole bean or ground | 3 773.3 | 3 600.6 | 4 043.2 | 3 731.2 | 3 825.0 | 3 674.5 | 1 517.7 | 1 375.3 |
| 20952 | Concentrated coffee | 1 250.2 | 1 370.7 | 1 519.2 | 1 585.0 | 1 525.5 | 1 387.8 | 598.8 | 365.6 |
| 20950 | Roasted coffee, n.s.k. | 99.1 | 21.9 | 25.8 | 34.0 | (S) | 155.5 | 46.9 | 53.0 |
| 20970 | Manufactured ice (can, block, cube, crushed, etc.) | 227.4 | 202.7 | 173.3 | 153.1 | 151.6 | 140.6 | 105.7 | 85.8 |
| 2098- | Macaroni and spaghetti | 1 192.8 | 1 136.0 | 999.7 | 814.2 | 793.5 | 751.7 | 355.2 | 248.3 |
| 20981 | Macaroni, spaghetti, and egg noodle products, except canned (not packaged with other ingredients) | 801.7 | | | | | | | |
| 20982 | Macaroni, spaghetti, and egg noodle products, except canned (packaged with other ingredients) | 342.1 | 1 136.0 | 999.7 | 814.2 | 793.5 | 751.7 | 355.2 | 248.3 |
| 20980 | Macaroni, spaghetti, and noodles, n.s.k. | 49.0 | | | | | | | |
| 2099- | Food preparations, n.e.c. | 11 384.7 | 9 678.0 | 8 592.5 | 7 654.2 | 7 716.4 | 6 616.7 | 3 762.1 | 2 501.0 |
| 20991 | Desserts (ready-to-mix) | 401.6 | 744.6 | 662.1 | 638.5 | 534.0 | 412.9 | 267.2 | 218.2 |
| 20992 | Chips (potato, corn, etc.) | 3 321.7 | 2 951.9 | 2 680.1 | 2 270.3 | 2 038.2 | 1 797.4 | 1 042.1 | 648.0 |
| 20993 | Sweetening syrups and molasses | 360.9 | 472.5 | 420.3 | 340.0 | 324.1 | 296.8 | 167.3 | 138.8 |
| 20994 | Baking powder and yeast | 273.2 | 259.1 | 238.3 | 194.7 | 195.1 | 170.2 | 82.6 | 79.0 |
| 20995 | Tea in consumer packages (bags, powdered, etc.) | 912.6 | 743.8 | 744.0 | 689.7 | 622.0 | 616.8 | 359.8 | 254.1 |
| 20996 | Vinegar and cider (distilled or fermented) | 187.8 | 182.6 | 156.8 | 144.7 | 145.0 | 122.8 | 80.6 | 56.7 |
| 20998 | Chocolate and cocoa products, except confectionery, made from purchased chocolate or cocoa (also see code 20668) | 157.6 | 164.9 | 226.0 | 301.5 | 285.8 | 207.5 | 55.9 | 52.2 |
| 2099A | Dry preparations | 693.5 | | | | | | | |
| 2099B | Perishable prepared foods sold in bulk or packages, not frozen | 909.5 | | | | | | | |
| 2099C | Other food preparations, n.e.c. | 2 563.3 | 4 158.6 | 3 464.9 | 3 074.8 | 3 572.2 | 2 992.3 | 1 706.6 | 1 054.0 |
| 20990 | Food preparation, n.e.c., n.s.k. | 1 603.0 | | | | | | | |
| 21110 | Cigarettes | 11 433.5 | 8 990.7 | 8 314.5 | 7 322.8 | 6 659.8 | 6 098.2 | 3 589.4 | 2 942.1 |
| 21210 | Cigars | 290.0 | 285.5 | 265.4 | 261.1 | 283.3 | 256.2 | 357.5 | 362.1 |
| 21310 | Chewing and smoking tobacco and snuff | 731.1 | 671.0 | 604.2 | 512.4 | 438.2 | 401.4 | 257.5 | 193.8 |
| 2141- | Tobacco stemming and redrying | 2 946.0 | 2 516.1 | 2 344.7 | 1 950.0 | 1 931.8 | 1 769.1 | 1 335.8 | 1 111.9 |
| 21411 | Unstemmed leaf tobacco redried before packing | 98.4 | 152.2 | 149.6 | 176.9 | 192.3 | 170.7 | 122.2 | 115.9 |
| 21412 | Tobacco stemmed | 2 733.0 | 2 245.5 | 2 079.5 | 1 653.1 | 1 621.9 | 1 531.7 | 1 194.3 | 974.2 |
| 21413 | Reconstituted tobacco | 111.4 | | | | | 50.8 | 19.3 | 21.8 |
| 21410 | Reconstituted, stemmed, and redried tobacco, n.s.k. | 3.2 | 118.4 | 115.6 | 119.9 | 117.6 | 15.9 | (X) | (X) |
| 2211- | Cotton broad woven fabrics | 3 635.0 | 4 778.4 | 4 876.2 | 4 518.1 | 3 834.5 | 4 132.0 | 2 525.8 | 2 756.5 |
| 22111 | Cotton duck and allied fabrics | 88.2 | 176.7 | 199.8 | 203.1 | 204.2 | 205.3 | 122.1 | 202.2 |
| 22112 | Cotton sheeting and allied fabrics | 290.0 | 691.1 | 658.5 | 614.7 | 580.2 | 571.1 | 531.6 | 655.7 |
| 22113 | Cotton print cloth yarn fabrics | 296.2 | 403.3 | 371.9 | 373.2 | 319.0 | 344.7 | 299.3 | 376.7 |
| 22114 | Cotton colored yarn fabrics, toweling and dishcloth fabrics, and napped cotton fabrics, including blanketing | 926.6 | 833.7 | 891.6 | 812.3 | 707.3 | 758.7 | 274.5 | 169.9 |
| 22115 | Fine cotton goods (gray goods) | 79.6 | 66.5 | 68.8 | 52.5 | 71.4 | 99.1 | 73.2 | 330.1 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|--|----------------|-------------------|-------------------|-------------------|-------------------|----------------|----------------|----------------|
| 2211- | Cotton broad woven fabrics—Con. | | | | | | | | |
| 22116 | Other broad woven cotton fabrics and specialties | 385.6 | 623.2 | 745.4 | 715.9 | 611.8 | 636.2 | 329.7 | 243.5 |
| 22117 | Finished cotton broad woven fabrics, finished in weaving mills (also see code 22617) | 724.7 | 1 030.4 | 1 054.8 | 946.0 | 704.3 | 928.1 | 445.4 | 375.7 |
| 22119 | Cotton towels and washcloths (made in weaving mills) (also see code 23923) | 608.1 | 655.5 | 611.4 | 589.5 | 466.0 | 416.4 | 319.0 | 270.9 |
| 2211A | Other fabricated cotton textile products (made in weaving mills) | 1099.8 | | | | | 108.2 | 73.8 | 79.9 |
| 22110 | Cotton broad woven fabrics and fabricated products, n.s.k. | 136.2 | 10298.0 | 10273.9 | 10210.8 | 10170.3 | 64.2 | 57.2 | 51.9 |
| 2221- | Weaving mills, manmade fiber and silk | 7 820.3 | 8 533.2 | 7 554.7 | 7 018.1 | 6 378.0 | 5 981.5 | 3 520.0 | 2 178.5 |
| 22211 | 100 percent filament rayon and/or acetate fabrics | 280.5 | 352.3 | 341.0 | 350.9 | 286.2 | 265.7 | 261.5 | 277.8 |
| 22212 | 100 percent filament fabrics, except rayon, acetate | 1 448.7 | 1 439.1 | 1 251.8 | 1 226.9 | 1 277.6 | 1 149.5 | 514.3 | 292.5 |
| 22213 | 100 percent spun rayon, acetate fabrics, inc. blends | 80.6 | 236.1 | 232.6 | 222.7 | 199.2 | 184.3 | 183.0 | 226.8 |
| 22214 | 100 percent spun polyester blends with cotton | 2 309.7 | 2 400.8 | 2 227.0 | 1 971.1 | 1 777.3 | 1 664.1 | 1 004.6 | 502.0 |
| 22215 | All other 100 percent spun noncellulosic fabrics | 650.6 | 566.4 | 447.4 | 412.5 | 396.5 | 404.0 | 267.7 | 165.4 |
| 22216 | Combinations of filament and spun yarn fabrics, chiefly manmade fibers | 614.7 | 766.4 | 604.7 | 548.5 | 483.4 | 461.5 | 279.3 | 195.0 |
| 22217 | Blanketing, silk, paper, and other specialty manmade fiber fabrics | 435.5 | 281.9 | 238.9 | 203.9 | 198.8 | 171.7 | 101.8 | 219.1 |
| 22218 | Finished manmade fiber and silk broad woven fabrics, finished in weaving mills (also see code 22628) | 1 109.8 | 1 565.8 | 1 335.0 | 1 318.5 | 1 215.5 | 1 127.0 | 581.0 | 270.4 |
| 22219 | Manmade fibers and silk sheets and pillowcases, made in weaving mills (also see code 23922) | 462.9 | 627.6 | 611.1 | 514.7 | 432.8 | 11426.8 | 280.1 | (NA) |
| 2221A | Other fabricated manmade fiber and silk textile products, made in weaving mills (towels, washcloths, etc.) | 86.2 | 296.8 | 265.2 | 248.3 | (S) | 126.9 | 46.7 | 29.5 |
| 22210 | Manmade fiber and silk broad woven fabrics and fabricated products, n.s.k. | 341.2 | | | | | | | |
| 2231- | Wool broad woven fabrics | 834.0 | 885.5 | 730.7 | 684.5 | 652.4 | 581.3 | 440.7 | 896.6 |
| 22311 | Finished wool yarn, tops or raw stock, not combed or spun at same establishment (D) | | 48.5 | 31.5 | 38.3 | 38.0 | 39.5 | 61.5 | 65.7 |
| 22312 | Wool fabrics (gray goods) | 137.8 | 130.9 | 96.6 | 95.3 | 105.0 | 97.3 | 31.4 | 137.3 |
| 22313 | Finished wool apparel fabrics | 501.4 | 513.3 | 420.4 | 388.3 | 353.1 | 299.3 | 213.5 | 533.6 |
| 22314 | Finished wool nonapparel fabrics and felts | 68.7 | 110.4 | 100.4 | 73.8 | 87.5 | 83.2 | 80.1 | 68.9 |
| 22315 | Receipts for commission finishing or sponging of wool fabrics (D) | | 38.5 | 34.6 | 33.1 | 37.0 | 26.8 | 26.7 | 44.8 |
| 22319 | Wool or chiefly wool woven blankets (made in weaving mill) | 24.5 | 14.0 | 12.8 | 10.4 | (S) | 9.2 | 13.0 | 17.5 |
| 22310 | Woven wool fabrics and fabricated products, n.s.k. | 44.3 | 29.9 | 34.4 | 45.4 | (S) | 26.0 | 14.5 | 28.8 |
| 2241- | Narrow fabrics mills | 826.1 | 955.5 | 859.3 | 776.3 | 732.3 | 645.0 | 521.5 | 411.0 |
| 22411 | Woven narrow fabrics | 568.2 | 629.3 | 563.9 | 533.1 | 456.0 | 413.5 | 355.2 | 292.0 |
| 22414 | Braided narrow fabrics | 135.7 | 185.0 | 176.7 | 149.9 | 142.5 | 133.4 | 103.8 | 71.9 |
| 22415 | Covered rubber thread | 86.8 | 104.3 | 94.8 | 69.7 | 75.6 | 56.1 | 40.0 | 35.6 |
| 22410 | Narrow fabrics, n.s.k. | 35.4 | 36.9 | 23.9 | 23.6 | (S) | 42.0 | 22.5 | 11.5 |
| 2251- | Women's hosiery, except socks | 1 425.3 | 1 132.5 | 1 105.9 | 1 044.9 | 889.8 | 819.1 | 899.0 | 772.7 |
| 22512 | Women's and misses' finished seamless hosiery, full-length and knee-length (except pantyhose) | 353.4 | 1 028.0 | 990.4 | 945.2 | (S) | 723.4 | 777.2 | 590.0 |
| 22516 | Women's and misses' finished pantyhose | 943.2 | | | | | | | |
| 22517 | Women's and misses' hosiery shipped in the greige | 85.6 | 79.9 | 82.2 | 79.2 | 68.1 | 58.4 | 101.1 | 145.5 |
| 22510 | Women's and misses' hosiery, except socks, n.s.k. | 43.1 | 24.6 | 33.3 | 20.5 | (S) | 37.3 | 20.7 | 37.2 |
| 2252- | Hosiery, n.e.c. | 1 324.5 | 1 300.0 | 1 189.5 | 1 045.4 | 998.2 | 893.6 | 588.0 | 454.5 |
| 22522 | Men's finished seamless hosiery (sizes 10 or larger) | 655.0 | 705.9 | 681.9 | 627.6 | 525.9 | 464.6 | 285.9 | 238.3 |
| 22523 | All other finished seamless hosiery | 452.1 | 429.5 | 355.2 | 318.3 | 299.2 | 274.3 | 188.7 | 131.7 |
| 22524 | Seamless hosiery shipped in the greige, except women's full-length and knee-length | 155.6 | 118.3 | 113.7 | 70.2 | 114.4 | 93.5 | 78.6 | 61.0 |
| 22520 | Hosiery, n.e.c., n.s.k., except women's seamless full-length hosiery and pantyhose | 61.9 | 46.3 | 38.7 | 29.4 | (S) | 61.2 | 34.8 | 23.5 |
| 2253- | Knit outerwear mills | 3 154.2 | 2 600.2 | 2 442.8 | 2 084.8 | 2 273.0 | 2 136.6 | 1 571.1 | 1 170.0 |
| 22531 | Sweaters, knit jackets, and jerseys made from yarns or fabric knit in same establishment | 817.6 | 738.8 | 614.1 | 524.0 | 525.9 | 555.5 | 473.8 | 506.0 |
| 22532 | Knit outerwear sport shirts, from fabric knit in same establishment (also see codes 23212, 23312, and 23612) | 1 008.2 | 945.4 | 889.5 | 625.3 | 578.9 | 518.1 | 342.8 | 210.9 |
| 22533 | All other knit outerwear products (from yarns or fabrics knit in same establishment) | 856.6 | 605.6 | 639.1 | 667.2 | 705.2 | 689.7 | 445.0 | 225.0 |
| 22539 | Contract and commission receipts for knitting only or knitting and finishing outerwear products | 209.8 | 116.6 | 152.5 | 146.8 | 141.9 | 154.2 | 205.8 | 131.1 |
| 22530 | Knit outerwear mill products, n.s.k. | 262.0 | 193.8 | 147.6 | 121.5 | (S) | 219.1 | 103.7 | 97.0 |
| 2254- | Knit underwear mills | 767.4 | 700.3 | 731.1 | 703.7 | 742.6 | 579.5 | 481.5 | 396.7 |
| 22541 | Men's and boys' knit underwear and nightwear, from yarns or fabrics knit in same establishment | 574.8 | 512.3 | 538.4 | 526.7 | 548.8 | 431.0 | 360.3 | 271.0 |
| 22542 | Women's and children's knit underwear from fabrics knit in same establishment (also see code 23412) | 125.3 | 77.2 | 90.9 | 87.5 | 110.8 | 95.4 | 73.0 | 76.5 |
| 22543 | Women's and children's knit nightwear, from fabrics knit in same establishment (also see code 23413) | 61.9 | 93.1 | 88.7 | 77.3 | 59.2 | 50.0 | 45.9 | 45.5 |
| 22540 | Knit underwear and nightwear, n.s.k., made from yarns or fabric knit in same establishment | 5.4 | 17.7 | (S) | 12.2 | (S) | 3.1 | 2.3 | 3.7 |
| 2257- | Circular knit fabric mills | 2 494.9 | 2 979.0 | 3 137.2 | 3 077.5 | 3 120.5 | 3 111.2 | 2 770.2 | 794.3 |
| 22571 | Weft knit fabric greige goods, except hosiery | 467.6 | 268.9 | 290.0 | 355.1 | 353.7 | 343.5 | 163.2 | (NA) |
| 22572 | Weft knit underwear and nightwear finished fabric, except hosiery | 126.3 | 279.3 | 230.2 | 231.1 | 213.0 | 139.5 | 88.4 | (NA) |
| 22574 | Weft knit high pile finished fabric (including overcoating, topcoating, footwear lining, etc.) | 147.4 | 198.8 | 266.1 | 232.1 | 261.9 | 202.3 | 185.0 | (NA) |
| 22575 | Weft single knit outerwear finished fabric, except hosiery | 735.0 | 722.5 | 739.6 | 603.4 | 557.6 | 564.6 | 367.5 | 694.7 |
| 22577 | Weft double knit outerwear finished fabric (including interlock) | 412.5 | 690.2 | 772.8 | 794.7 | 806.6 | 1 050.8 | 1 289.7 | (NA) |
| 22578 | All other weft knit finished fabric, except hosiery | 146.4 | 319.6 | 313.3 | 327.9 | 335.2 | 364.5 | 156.1 | (NA) |
| 22579 | Contract and commission receipts for knitting only or knitting and finishing | 282.5 | 279.4 | 291.3 | 279.2 | (S) | 286.1 | 394.0 | (NA) |
| 22570 | Circular knit fabric, n.s.k. | 177.1 | 220.3 | 234.0 | 254.1 | 276.6 | 159.9 | 126.3 | 99.6 |
| 2258- | Warp knit fabric mills | 1 567.5 | 1 706.9 | 1 739.1 | 1 687.6 | 1 617.8 | 1 568.4 | 928.6 | 614.9 |
| 22581 | Warp knit fabric greige goods (tricot, raschel, simplex, and milanese) | 445.5 | 453.8 | 487.0 | 461.0 | 375.8 | 363.3 | 151.9 | (NA) |
| 22582 | Warp knit underwear and nightwear finished fabric | 321.0 | 483.0 | 491.8 | 436.2 | 444.7 | 405.2 | 276.0 | (NA) |
| 22583 | Warp knit outerwear fabric (including dress, blouse, shirting, slack, etc.) | 261.2 | 225.0 | 256.6 | 323.4 | 334.9 | 328.2 | 212.5 | 537.8 |
| 22588 | All other warp knit finished fabric | 379.6 | 369.7 | 333.0 | 311.7 | 315.1 | 302.9 | 186.8 | - |
| 22589 | Contract and commission receipts for knitting only or knitting and finishing | 114.5 | 93.3 | 116.6 | 125.1 | 110.9 | 138.7 | 95.5 | (NA) |
| 22580 | Warp knit fabric, n.s.k. | 45.7 | 82.1 | 64.0 | 30.3 | (S) | 30.1 | 5.9 | 77.1 |
| 22590 | Knit gloves and other knit products, n.e.c. | 133.5 | 113.0 | 142.0 | 139.3 | (S) | 112.9 | 87.1 | 35.7 |
| 2261- | Finished cotton broad woven fabrics | 768.2 | 1 207.6 | 1 233.0 | 958.2 | 811.9 | 751.7 | 705.9 | 711.3 |
| 22617 | Finished cotton broad woven fabrics, not finished in weaving mills (also see code 22117) | 436.3 | 453.9 | 499.2 | 371.5 | 293.7 | 264.2 | 263.4 | 309.6 |
| 22619 | Commission finishing of cotton broad woven fabrics | 297.9 | 707.2 | 636.0 | 517.8 | 496.6 | 477.9 | 422.6 | 397.0 |
| 22610 | Cotton broad woven fabric finishing, n.s.k. | 34.0 | 46.5 | 97.8 | 68.8 | 21.6 | 9.6 | 19.9 | 4.7 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|---|----------------------------|-------------------|-------------------|-------------------|-------------------|----------------------------|----------------------------|----------------------------|
| 2262- 22628 | Finishing plants, manmade fiber and silk ----- | 2 767.5 | 2 560.2 | 2 111.3 | 2 149.3 | 2 292.0 | 2 137.7 | 1 235.1 | 609.6 |
| | Finished manmade fiber and silk broad woven fabrics, not finished in weaving mills (also see code 22218) ----- | 1 823.7 | 1 622.0 | 1 337.1 | 1 365.0 | 1 394.5 | 1 303.5 | 594.5 | 178.0 |
| 22629 | Commission finishing of manmade fiber and silk broad woven fabrics ----- | 935.3 | 903.3 | 742.1 | 761.0 | 887.7 | 830.5 | 632.4 | 417.2 |
| 22620 | Finished manmade fiber, silk broad woven fabrics, n.s.k. ----- | 8.5 | 34.9 | 32.1 | 23.3 | 9.8 | 3.7 | 8.2 | 14.4 |
| 22690 | Finished yarn, raw stock, and narrow fabric ----- | 920.6 | 752.7 | 721.7 | 723.4 | 825.4 | 764.9 | 522.8 | 211.7 |
| 22710 | Woven carpets and rugs ----- | 222.9 | 211.8 | 202.4 | 204.3 | 173.9 | 167.9 | 202.5 | 223.4 |
| 22720 | Tufted carpets and rugs ----- | 5 213.6 | 5 409.0 | 5 277.6 | 5 390.9 | 4 687.3 | 4 172.2 | 2 634.1 | 1 332.4 |
| 22790 | Carpets, rugs, and mats, n.e.c. ----- | 155.9 | 140.9 | 126.9 | 120.6 | 108.6 | 93.0 | 105.8 | 95.5 |
| 2281- 22811 | Yarn mills, except wool ----- | 4 519.6 | 4 961.4 | 4 651.5 | 4 301.4 | 4 068.4 | 4 156.4 | 2 336.5 | 1 574.6 |
| 22811 | Carded cotton yarns ----- | 939.2 | 1 026.9 | 1 001.1 | 845.1 | 905.9 | 905.6 | 523.7 | 404.6 |
| 22812 | Combed cotton yarns ----- | 350.5 | 536.1 | 559.3 | 498.5 | 463.2 | 520.6 | 297.9 | 304.1 |
| 22813 | Rayon and/or acetate yarns ----- | 149.3 | 329.6 | 344.2 | 237.7 | 188.9 | 199.4 | 225.3 | 190.9 |
| 22814 | Spun noncellulosic fiber and silk yarns ----- | 3 001.2 | 2 966.6 | 2 636.5 | 2 610.8 | 2 497.6 | 2 485.9 | 1 240.9 | 642.5 |
| 22810 | Spun yarns, gray or spun and finished, n.s.k. ----- | 79.3 | 102.2 | 110.4 | 109.3 | (S) | 44.9 | 48.7 | 32.5 |
| 2282- 22822 | Throwing and winding mills ----- | 2 002.5 | 2 020.3 | 1 818.5 | 1 716.2 | 1 685.0 | 1 558.3 | 1 748.8 | 583.2 |
| 22822 | Rewound, plied, etc., yarns other than wool ----- | 194.3 | 177.7 | 209.9 | 168.2 | 137.8 | 109.3 | 100.7 | 71.6 |
| 22823 | Thrown filament yarns, except textured ----- | 151.3 | 247.3 | 200.0 | 186.5 | 186.0 | 136.1 | 119.1 | 81.4 |
| 22825 | Textured, crimped, or bulked filament yarns made from purchased filament yarn (also see code 28246) ----- | 1 487.5 | 1 495.6 | 1 295.0 | 1 228.6 | 1 244.0 | 1 220.7 | 1 465.6 | 365.8 |
| 22829 | Commission throwing, plying, etc., of yarns ----- | 139.5 | 68.5 | 55.7 | 69.8 | 85.4 | 61.5 | 54.5 | 44.9 |
| 22820 | Textured, thrown, and rewound yarn, n.s.k. ----- | 29.9 | 31.2 | 58.8 | 63.1 | (S) | 30.8 | 8.9 | 19.5 |
| 2283- 22831 | Wool yarn mills ----- | 248.2 | 276.7 | 215.3 | 234.3 | 239.4 | 234.4 | 222.7 | 335.5 |
| 22831 | Wool yarns, except carpet ----- | 187.3 | 221.3 | 167.0 | 181.7 | 177.5 | 177.6 | 133.0 | 239.1 |
| 22832 | Wool yarns, carpet ----- | 33.9 | 35.0 | 33.6 | 33.7 | 34.4 | 37.4 | 73.0 | 78.7 |
| 22830 | Wool yarn, n.s.k. ----- | 27.0 | 20.4 | 14.7 | 18.9 | 27.5 | 19.4 | 16.7 | 17.7 |
| 22840 | Thread ----- | 614.6 | 743.7 | 666.7 | 617.9 | 567.1 | 551.1 | 340.3 | 248.1 |
| 22910 | Pressed, punched, or needled felts, except hats ----- | 266.3 | 245.3 | 224.0 | 204.1 | 184.3 | 186.2 | 130.8 | 131.0 |
| 22920 | Lace and net goods ----- | 68.0 | 68.6 | 54.7 | 52.2 | (S) | 39.8 | 39.8 | 55.8 |
| 22930 | Paddings and upholstery filling, batting, and wadding ----- | 287.9 | 270.3 | 256.5 | 271.9 | 305.0 | 260.5 | 154.3 | 164.5 |
| 22940 | Processed mill waste and related products ----- | 193.9 | 234.1 | 212.4 | 212.8 | 203.0 | 164.2 | 124.2 | 82.0 |
| 2295- 22951 | Coated fabrics, not rubberized ----- | 1 069.3 | 1 153.5 | 1 019.3 | 1 060.1 | 1 050.1 | 987.0 | 808.6 | 571.3 |
| 22951 | Pyroxylin coated fabrics ----- | 44.1 | 41.1 | 39.7 | 38.6 | 29.8 | 37.6 | 26.3 | 38.6 |
| 22952 | Vinyl coated fabrics ----- | 628.5 | 724.6 | 661.3 | 716.9 | 727.3 | 680.4 | 601.9 | 345.2 |
| 22953 | Other coated fabrics ----- | 332.4 | 314.6 | 252.3 | 239.5 | 204.2 | 220.7 | 154.1 | 164.5 |
| 22950 | Coated fabrics, not rubberized, n.s.k. ----- | 64.3 | 73.2 | 66.3 | 65.2 | (S) | 48.3 | 26.3 | 23.0 |
| 22960 | Tire cord and tire fabrics ----- | 892.2 | 903.1 | 866.1 | 977.3 | 955.5 | 919.8 | 620.8 | 404.6 |
| 2297- 22971 | Nonwoven fabrics ----- | 1 658.8 | 1 761.3 | 1 529.6 | 1 469.0 | 1 289.3 | 1 095.1 | 517.6 | (NA) |
| 22971 | Nonwoven fabrics ----- | 1 263.0 | 1 190.7 | 1 027.6 | 994.5 | 942.7 | 782.4 | 376.1 | 164.3 |
| 22972 | Fabricated nonwoven products ----- | 360.4 | 491.6 | 455.0 | 410.4 | 303.2 | 260.8 | 120.8 | (NA) |
| 22970 | Nonwoven fabrics, n.s.k. ----- | 35.4 | 79.0 | 47.0 | 64.1 | (S) | 51.9 | 20.7 | (NA) |
| 2298- 22981 | Cordage and twine ----- | 336.0 | 378.4 | 339.7 | 356.7 | 319.6 | 291.6 | 174.7 | 174.9 |
| 22981 | Hard fiber cordage and twine ----- | 58.3 | 94.2 | 83.0 | 84.1 | 58.3 | 42.5 | 42.3 | 36.3 |
| 22982 | Soft fiber cordage and twine, except cotton ----- | 228.1 | 163.9 | 179.2 | 190.2 | 190.1 | 183.8 | 86.2 | 83.3 |
| 22983 | Cotton cordage and twine ----- | 21.8 | 36.1 | 31.0 | 34.9 | 39.3 | 47.6 | 30.7 | 43.4 |
| 22980 | Cordage and twine, n.s.k. ----- | 27.8 | 84.2 | 46.5 | 47.5 | (S) | 17.7 | 15.5 | 11.9 |
| 2299- 22992 | Textile goods, n.e.c. ----- | 397.6 | 323.2 | 299.9 | 344.7 | 426.2 | 280.8 | 214.4 | (NA) |
| 22992 | Jute and linen goods, except felts, cord, and twine ----- | 24.6 | 9.0 | (S) | 53.4 | 49.7 | 37.5 | 21.0 | 29.9 |
| 22993 | Scouring and combing mill products ----- | 195.5 | 159.9 | 133.7 | 121.6 | 185.7 | 96.8 | 60.0 | 89.9 |
| 22990 | Textile goods, n.e.c., n.s.k. ----- | 177.4 | 154.3 | 156.5 | 169.7 | (S) | 146.5 | 133.4 | 37.1 |
| 2311- 23111 | Men's and boys' suits and coats ----- | 2 932.9 | 2 842.8 | 2 701.4 | 2 690.8 | 2 829.7 | 2 719.2 | 2 230.8 | 1 779.7 |
| 23111 | Men's suits, including uniforms and leisure ----- | 1 078.6 | 1 142.1 | 1 113.2 | 1 174.6 | 1 287.9 | 1 273.4 | 898.5 | 789.1 |
| 23112 | Men's overcoats and tailored car coats ----- | 126.6 | 138.1 | 143.3 | 147.5 | 184.3 | 179.8 | 87.0 | 130.5 |
| 23113 | Men's tailored dress and sport coats and jackets ----- | 944.0 | 885.9 | 771.6 | 660.6 | 628.5 | 623.0 | 626.5 | 379.5 |
| 23114 | Boys' suits, coats, and tailored jackets ----- | 148.2 | 136.5 | 146.0 | 175.7 | 158.1 | 149.7 | 100.0 | 111.7 |
| 23119 | Commission work on men's and boys' suits and coats ----- | 493.6 | 455.3 | 442.5 | 485.8 | 405.0 | 371.5 | 445.5 | 304.3 |
| 23110 | Men's and boys' suits, coats, and overcoats, n.s.k. ----- | 141.9 | 84.9 | 84.8 | 46.6 | (S) | 121.8 | 63.3 | 64.6 |
| 2321- 23212 | Men's and boys' shirts and nightwear ----- | 3 118.0 | 3 457.6 | 3 340.1 | 3 007.5 | 3 115.4 | 2 836.5 | 1 962.9 | 1 347.7 |
| | Men's and boys' knit outerwear sport shirts, including sweatshirts (also see code 22532) ----- | 1 ²¹ 112.9 | 1 266.3 | 1 264.4 | 1 007.9 | 890.5 | 1 ²⁰ 809.0 | 1 ²³ 382.7 | 1 ²¹ 29.2 |
| 23214 | Men's and boys' dress and sport shirts ----- | 1 212.1 | 1 325.8 | 1 323.8 | 1 306.5 | 1 474.7 | 1 344.6 | 1 069.5 | 862.0 |
| 23215 | Men's and boys' nightwear, except robes ----- | 1 ²¹ 151.3 | 151.0 | 167.6 | 165.5 | 157.8 | 1 ²¹ 52.8 | 1 ²¹ 05.3 | 1 ²¹ 9.7 |
| 23219 | Commission work on men's and boys' shirts and nightwear ----- | 474.5 | 635.3 | 546.6 | 527.6 | 372.9 | 372.6 | 340.5 | 217.1 |
| 23210 | Men's and boys' shirts and nightwear, n.s.k. ----- | 167.1 | 79.2 | 37.7 | - | (S) | 157.5 | 55.5 | 47.7 |
| 23220 | Men's and boys' underwear ----- | 1²⁴ 25.5 | 363.8 | 397.7 | 386.2 | 425.9 | 1²³ 50.0 | 1²² 32.3 | 1²¹ 92.4 |
| 23230 | Men's, youths', and boys' neckwear ----- | 310.4 | 299.6 | 280.0 | 252.5 | 241.1 | 211.3 | 279.3 | 128.4 |
| 2327- 23271 | Men's and boys' separate trousers ----- | 2 107.0 | 1 990.5 | 1 838.2 | 1 792.7 | 1 783.3 | 1 631.4 | 1 775.9 | 1 195.2 |
| 23271 | Men's and boys' separate dress and sport trousers ----- | 1 588.9 | 1 584.5 | 1 442.6 | 1 433.8 | 1 427.3 | 1 308.3 | 1 388.1 | 931.3 |
| 23279 | Commission work on men's and boys' separate trousers ----- | 426.2 | 378.9 | 370.2 | 351.3 | 295.9 | 264.5 | 335.0 | 226.7 |
| 23270 | Men's and boy's separate trousers, n.s.k. ----- | 91.8 | 27.0 | 25.4 | 7.5 | (S) | 58.6 | 52.8 | 37.2 |
| 2328- 23281 | Men's and boys' work clothing ----- | 4 022.9 | 4 345.9 | 4 086.8 | 3 625.2 | 3 470.5 | 3 394.3 | 1 624.8 | 1 023.1 |
| 23281 | Men's and boys' work shirts ----- | 242.5 | 230.2 | 221.1 | 255.8 | 188.3 | 191.6 | 141.7 | 121.7 |
| 23283 | Men's and boys' jeans, including jean-cut casual slacks ----- | 2 543.9 | 2 733.1 | 2 636.3 | 2 236.5 | 2 016.5 | 1 962.8 | 737.6 | 722.2 |
| 23284 | Men's and boys' work clothing and washable service apparel ----- | 767.0 | 706.6 | 572.4 | 509.7 | 767.8 | 729.6 | 534.8 | (NA) |
| 23289 | Commission work on men's and boys' work clothing ----- | 375.9 | 563.7 | 488.5 | 404.1 | 418.0 | 411.2 | 188.4 | 138.6 |
| 23280 | Men's and boys' work clothing, n.s.k. ----- | 93.6 | 112.3 | 168.5 | 219.0 | 80.0 | 99.0 | 22.3 | 40.6 |
| 2329- 23291 | Men's and boys' clothing, n.e.c. ----- | 1 377.9 | 1 391.0 | 1 309.7 | 1 115.6 | 1 013.9 | 925.5 | 1³⁷ 46.5 | 1³⁶ 05.5 |
| 23291 | Men's and boys' heavy outerwear coats and jackets, nontailored ----- | 449.8 | 422.6 | 468.1 | 432.8 | 438.9 | 397.3 | 311.8 | 290.4 |
| 23292 | Men's and boys' outerwear, n.e.c. ----- | 1 ²⁷ 70.8 | 856.2 | 763.5 | 625.8 | 439.3 | 1 ²⁴ 23.3 | 1 ²³ 00.4 | 1 ²² 19.8 |
| 23290 | Men's and boy's clothing, n.e.c., n.s.k. ----- | 157.3 | 112.2 | 78.2 | 57.0 | (S) | 105.0 | 39.6 | 35.1 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|---|------------------------|---------------------|---------------------|---------------------|---------------------|------------------------|------------------------|----------------------|
| 2331- 23312 | Women's and misses' blouses and waists ----- Women's, misses', and juniors' knit outerwear sport shirts (also see code 22532) ----- | 4 258.2 | 3 652.5 | 3 331.2 | 3 058.7 | 3 030.9 | 2 555.7 | 1 278.8 | 754.6 |
| 23317 | Women's, misses', and juniors' woven blouses, waists, shirts ----- | 678.1 | 448.1 | 520.5 | 558.0 | 626.6 | 502.1 | 189.1 | 101.1 |
| 23319 | Contract and commission work on women's, misses', and juniors' blouses and shirts ----- | 2 533.9 | 2 313.4 | 2 033.7 | 1 853.7 | 1 692.6 | 1 430.5 | 713.6 | 426.2 |
| 23310 | Women's and misses' blouses, waists, and shirts, n.s.k. ----- | 713.4 332.7 | 693.1 197.9 | 717.7 59.3 | 615.4 31.5 | 574.7 (S) | 487.7 135.4 | 268.5 107.6 | 152.8 74.5 |
| 2335- 23353 | Women's and misses' dresses ----- Women's, misses', and juniors' dresses ----- | 4 534.7 | 4 357.5 | 4 277.9 | 3 926.8 | 4 268.1 | 3 993.0 | 3 536.2 | 3 068.0 |
| 23359 | Commission work on women's, misses', and juniors' dresses ----- | 2 988.6 | 2 848.5 | 2 821.4 | 2 687.6 | 2 689.2 | 2 468.9 | 2 205.9 | 2 118.7 |
| 23350 | Women's, misses', and juniors' dresses, n.s.k. ----- | 1 029.1 517.0 | 963.3 545.7 | 970.2 486.3 | 896.7 332.5 | 768.9 (S) | 764.8 759.3 | 729.7 600.6 | 538.0 411.3 |
| 2337- 23371 | Women's and misses' suits and coats ----- Women's, misses', and juniors' coats (except fur and leather) ----- | 4 288.9 | 3 513.6 | 2 988.3 | 2 752.1 | 2 689.6 | 2 734.8 | 1 725.4 | 1 648.0 |
| 23372 | Women's, misses', and juniors' suits ----- | 621.9 | 660.0 | 707.1 | 737.6 | 634.7 | 612.1 | 570.1 | 606.6 |
| 23374 | Women's, misses', and juniors' skirts and jackets ----- | 407.1 | 391.7 | 489.9 | 517.3 | 555.9 | 671.9 | 313.2 | 189.2 |
| 23379 | Commission work on women's, misses', and juniors' coats, suits, and skirts ----- | 2 351.2 | 1 706.9 | 1 131.4 | 938.5 | 847.3 | 741.0 | 443.5 | 469.9 |
| 23370 | Women's and misses' suits and coats, n.s.k. ----- | 513.7 395.1 | 634.3 120.7 | 596.2 63.7 | 524.0 34.6 | 425.7 226.1 | 423.9 285.9 | 282.7 115.9 | 222.8 159.5 |
| 2339- 23392 | Women's and misses' outerwear, n.e.c. ----- Women's, misses', and juniors' washable service apparel ----- | 5 159.5 | 4 515.1 | 3 718.1 | 3 238.2 | 3 426.4 | 3 175.3 | 1 648.1 | 857.2 |
| 23394 | Women's, misses', and juniors' swimsuits ----- | 253.4 | 215.4 | 205.8 | 216.8 | 170.1 | 194.7 | 105.2 | 121.2 |
| 23395 | Women's, misses', and juniors' slacks ----- | 387.1 | 308.3 | 244.4 | 232.9 | 236.2 | 165.4 | (NA) | (NA) |
| 23397 | Women's, misses', and juniors' other outerwear, n.e.c. ----- | 2 591.2 | 2 518.5 | 1 945.4 | 1 642.4 | 1 524.7 | 1 465.4 | 1 139.4 | 522.1 |
| 23399 | Commission work on women's, misses', and juniors' outerwear, n.e.c. ----- | 643.7 | 410.7 | 419.0 | 372.0 | 412.3 | 458.1 | (NA) | (NA) |
| 23390 | Women's, and misses', outerwear, n.e.c., n.s.k. ----- | 780.9 506.3 | 709.9 352.3 | 627.9 275.2 | 591.3 182.8 | 623.8 (S) | 501.1 390.6 | 304.8 98.7 | 124.6 89.3 |
| 2341- 23412 | Women's and children's underwear ----- Women's, misses', children's, and infants' underwear (also see code 22542) ----- | 2 356.3 | 2 294.7 | 2 141.7 | 2 010.6 | 1 926.0 | 1 750.0 | 1 288.7 | 1 071.8 |
| 23413 | Women's, misses', children's, and infants' nightwear (also see code 22543) ----- | 831.0 | 818.5 | 742.4 | 705.3 | 701.4 | 585.8 | 416.7 | 487.1 |
| 23419 | Commission work on women's and children's underwear and nightwear ----- | 1 127.4 | 1 141.7 | 1 053.0 | 968.8 | 884.3 | 852.2 | 597.5 | 380.2 |
| 23410 | Women's and children's underwear and nightwear, n.s.k. ----- | 314.5 83.3 | 274.6 59.9 | 268.4 78.0 | 306.6 29.9 | 282.8 (S) | 247.1 64.9 | 186.4 88.1 | 126.6 77.9 |
| 2342- 23421 | Brassieres and allied garments ----- Brassieres, bralettes, and bandeaux ----- | 666.7 | 683.7 | 605.0 | 550.1 | 602.5 | 546.6 | 679.5 | 600.5 |
| 23422 | Corsets, girdles, combinations, and accessories ----- | 450.8 | 471.1 | 407.3 | 359.2 | 367.3 | 346.1 | 385.1 | 261.3 |
| 23429 | Commission work on brassieres, corsets, and allied garments ----- | 159.1 | 137.7 | 149.1 | 148.9 | 178.5 | 153.3 | 236.7 | 279.5 |
| 23420 | Brassieres, corsets, and allied garments, n.s.k. ----- | 19.8 37.1 | 55.5 19.4 | 32.5 16.1 | 29.3 12.7 | 31.2 25.5 | 23.6 23.6 | 38.5 19.2 | 38.1 21.6 |
| 23510 | Millinery, all types ----- | 87.7 | (S) | (S) | (S) | 83.3 | 74.2 | 58.7 | 111.1 |
| 2352- 23521 | Hats and caps, except millinery ----- Hats and hat bodies, except cloth and millinery ----- | 416.8 | 555.0 | 543.3 | 382.1 | 327.4 | 270.4 | 147.5 | 180.0 |
| 23522 | Cloth hats and caps ----- | 83.2 | 200.5 | 205.9 | 130.0 | 80.8 | 66.4 | 44.4 | 66.9 |
| 23520 | Hats and caps, except millinery, n.s.k. ----- | 272.0 | 316.6 | 300.4 | 217.0 | 211.5 | 176.6 | 83.9 | 98.7 |
| 2361- 23611 | Children's dresses and blouses ----- Girls', children's, and infants' dresses and shirts ----- | 61.6 37.9 | 37.0 | 35.1 | 35.1 | (S) | 27.4 | 19.2 | 14.4 |
| 23612 | Girls', children's, and infants' knit sport shirts (also see code 22532) ----- | 1 443.2 | 1 227.8 | 1 038.1 | 952.9 | 890.8 | 839.1 | 654.7 | 522.0 |
| 23619 | Commission work on children's dresses and blouses ----- | 755.4 | 682.0 | 618.3 | 588.3 | 548.1 | 449.0 | 395.3 | 343.1 |
| 23610 | Children's and infants' dresses and blouses, n.s.k. ----- | 401.7 208.7 77.4 | 328.3 217.5 - | 246.7 173.1 - | 208.6 156.1 - | 187.6 155.0 - | 176.1 134.5 79.5 | 115.3 104.5 39.6 | 55.1 80.6 43.2 |
| 2363- 23630 | Children's coats and suits ----- Girls' coats and suits, n.s.k. ----- | 211.4 | 206.0 | 213.5 | 217.1 | 216.1 | 191.5 | 199.8 | 190.6 |
| 23631 | Girls', children's, and infants' coats, jackets, suits, snowsuits, and coat-and-legging sets ----- | 7.4 | 188.2 | 187.9 | 194.9 | 200.4 | 173.6 | 172.5 | 168.6 |
| 23639 | Commission work on girls', children's, and infants' coats and suits ----- | 171.5 32.4 | 17.8 | 25.6 | 22.2 | 15.7 | 17.9 | 27.3 | 22.0 |
| 2369- 23690 | Children's outerwear, n.e.c. ----- Children's outerwear, n.e.c., n.s.k. ----- | 1 195.8 | 981.7 | 877.8 | 749.2 | 703.6 | 765.9 | 623.1 | 450.8 |
| 23691 | Girls', children's, and infants' outerwear, n.e.c. ----- | 60.5 | 875.0 | 760.8 | 643.4 | 619.0 | 605.4 | 545.5 | 393.7 |
| 23699 | Commission work on children's outerwear, n.e.c. ----- | 1 012.1 123.2 | 106.7 | 117.0 | 105.8 | 84.6 | 80.0 | 77.6 | 57.1 |
| 23710 | Fur goods ----- | 397.9 | 497.4 | 539.8 | 466.8 | 384.9 | 358.5 | 213.6 | 322.6 |
| 2381- 23811 | Fabric dress and work gloves ----- Dress and semidress gloves and mittens ----- | 12 206.6 | 278.2 | 284.1 | 358.2 | 314.1 | 12 278.3 | 171.7 | 138.3 |
| 23812 | Work gloves and mittens ----- | (D) | 30.0 | 30.7 | 28.0 | 21.7 | 12 16.1 | 10.6 | 22.2 |
| 23810 | Fabric dress and work gloves, n.s.k. ----- | (D) | 231.8 | 235.9 | 315.2 | 266.8 | 12 246.2 | 148.6 | 110.5 |
| 23840 | Robes and dressing gowns, except children's ----- | 11.6 | 16.4 | 17.5 | 15.0 | (S) | 16.0 | 12.5 | 5.6 |
| 2385- 23851 | Waterproof outer garments ----- Raincoats and other waterproof outerwear ----- | 416.0 | 374.3 | 357.3 | 324.1 | 283.8 | 243.3 | 169.6 | 178.4 |
| 23850 | Waterproof outer garments, n.s.k. ----- | 429.7 | 453.7 | 447.4 | 383.6 | 355.0 | 338.9 | 321.6 | 365.4 |
| 23859 | Commission work on raincoats and waterproof outer garments ----- | 357.0 35.0 37.7 | 412.0 41.7 | 400.3 47.1 | 328.8 54.8 | 328.5 26.6 | 313.1 25.8 | 286.4 35.2 | 327.8 37.6 |
| 23860 | Leather and sheep lined clothing ----- | 207.3 | 248.2 | 246.6 | 253.4 | 233.1 | 210.6 | 173.5 | 102.1 |
| 2387- 23871 | Apparel belts ----- Belts, leather ----- | 474.2 | 450.9 | 358.4 | 340.1 | 298.7 | 244.3 | 234.1 | 109.1 |
| 23872 | Belts, other than leather ----- | 261.5 | 213.4 | 166.5 | 179.2 | 197.2 | 155.5 | 157.9 | 64.3 |
| 23870 | Apparel belts, n.s.k. ----- | 164.7 48.0 | 185.9 51.6 | 150.8 41.1 | 128.2 (S) | 72.4 (S) | 58.2 30.6 | 47.0 29.2 | 26.6 18.2 |
| 23890 | Apparel and accessories, n.e.c. ----- | 243.2 | 306.4 | 265.0 | 251.7 | 204.1 | 175.7 | 123.2 | 121.2 |
| 23910 | Curtains and draperies, except lace ----- | 1 008.3 | 1 033.6 | 1 014.6 | 1 053.5 | 1 027.0 | 936.7 | 626.2 | 374.9 |
| 2392- 23921 | House furnishings, n.e.c. ----- Bedspreads and bedsets, not made in a weaving mill ----- | 3 299.3 | 3 031.6 | 2 816.9 | 2 492.5 | 2 342.5 | 2 202.3 | 1 442.3 | 941.4 |
| 23922 | Sheets and pillowcases, not made in a weaving mill (also see code 22219) ----- | 331.4 | 571.5 | 542.3 | 440.1 | 351.0 | 300.4 | 266.6 | 173.8 |
| 23923 | Towels and washcloths not made in a weaving mill (also see code 22119) ----- | 677.6 | 685.5 | 673.8 | 580.9 | 547.5 | 479.5 | 318.5 | 170.1 |
| 23924 | Other housefurnishings ----- | 355.9 | 410.3 | 365.3 | 321.6 | 283.2 | 276.6 | 84.0 | 30.1 |
| 23920 | House furnishings, n.e.c., n.s.k. ----- | 1 477.6 456.8 | 1 364.3 | 1 235.6 | 1 150.0 | 1 160.7 | 885.8 260.0 | 577.7 195.5 | 447.1 120.3 |
| 23930 | Textile bags, except laundry, wardrobe and shoe ----- | 409.3 | 371.3 | 301.7 | 269.6 | 314.4 | 277.8 | 231.5 | 277.9 |
| 23940 | Canvas and related products ----- | 690.9 | 713.6 | 562.1 | 540.4 | 573.4 | 465.6 | 272.1 | 253.4 |
| 2395- 23951 | Pleating and stitching ----- Embroideries (except Schiffli machine products), stamped art goods and art needlework ----- | 891.4 | 689.3 | 650.0 | 555.6 | 592.3 | 572.9 | 261.8 | 123.6 |
| 23959 | Commission embroidering (except Schiffli machine), tucking, pleating, etc., for the trade ----- | 608.4 | 367.1 | 339.7 | 323.7 | 390.7 | 390.3 | 132.8 | 37.9 |
| 23950 | Pleating and stitching, n.s.k. ----- | 91.7 191.3 | 77.4 244.8 | 92.9 217.4 | 84.2 147.7 | (S) 132.0 | 56.4 126.2 | 60.8 68.2 | 46.0 39.7 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|--|---------|---------------------|---------------------|---------------------|---------------------|--------------------|-----------------------|-----------------------|
| 2396- | Automotive and apparel trimmings | 2 083.0 | 2 254.4 | 1 943.9 | 2 313.1 | 2 261.9 | 2 191.1 | 1 146.2 | 797.0 |
| 23961 | Men's and boys' suit and coat findings | 183.5 | 200.7 | 173.6 | 144.7 | 107.0 | 104.4 | 94.2 | 55.8 |
| 23962 | Automobile trimmings | 1 384.3 | 1 468.0 | 1 251.9 | 1 702.8 | 1 796.3 | 1 737.7 | 822.3 | 513.4 |
| 23963 | Other trimmings and findings | 282.5 | 384.9 | 329.1 | 318.4 | 208.7 | 187.4 | 147.4 | 192.5 |
| 23960 | Automotive and apparel trimmings, n.s.k. | 232.6 | 200.8 | 189.4 | 147.2 | (S) | 161.6 | 82.3 | 35.3 |
| 23970 | Schiffli machine embroideries | 263.7 | 244.0 | 209.6 | 146.3 | 180.1 | 146.3 | 99.1 | 83.5 |
| 23990 | Fabricated textile products, n.e.c. | 1 458.1 | 1 180.1 | 1 087.0 | 1 094.9 | 1 244.5 | 1 158.9 | 733.9 | 529.3 |
| 2411- | Logging products and contract logging | 7 448.4 | 7 274.4 | 7 612.9 | 6 944.5 | 6 751.6 | 5 757.5 | 2 601.4 | 1 515.2 |
| 24111 | Softwood logs, bolts, and timber | 3 083.2 | 3 124.0 | 3 322.0 | 3 490.3 | 3 122.2 | 2 580.7 | 1 090.9 | 566.6 |
| 24112 | Hardwood logs, bolts, and timber | 257.5 | 242.4 | 328.7 | 297.2 | 400.8 | 241.8 | | |
| 24113 | Pulpwood | 624.6 | 692.3 | 725.8 | 566.8 | 569.5 | 383.2 | 126.4 | 103.0 |
| 24114 | Other roundwood products | 327.2 | 118.5 | 139.8 | 147.3 | (S) | 71.3 | 32.0 | 31.0 |
| 24119 | Receipts for contract logging | 780.2 | 885.7 | 965.1 | 981.8 | (S) | 757.5 | 404.2 | 270.4 |
| 24110 | Logging products and contract logging, n.s.k. | 2 375.7 | 2 211.5 | 2 131.5 | 1 461.2 | (S) | 1 722.9 | 947.9 | 544.0 |
| 2421- | Sawmill and planing mill products | 9 966.2 | 11 835.6 | 12 423.0 | 13 490.4 | 12 172.5 | 10 465.7 | 6 063.3 | 3 287.8 |
| 24211 | Hardwood lumber, rough and dressed (except siding) .. | 1 053.5 | 1 520.9 | 1 587.4 | 1 619.4 | (S) | 972.9 | ¹⁴ 491.9 | ¹⁴ 249.1 |
| 24212 | Softwood lumber, rough and dressed (except siding) .. | 5 202.5 | 6 612.1 | 6 970.2 | 8 678.7 | 8 111.6 | 6 899.7 | ¹⁴ 3 907.8 | ¹⁴ 2 404.7 |
| 24215 | Wood chips, except field chips | 1 687.6 | 1 959.1 | 1 978.0 | 1 345.1 | 1 183.7 | 1 079.5 | 505.4 | 188.1 |
| 24217 | Softwood cut stock | 259.9 | 247.9 | 275.4 | 281.2 | 283.6 | 229.5 | 155.9 | 84.9 |
| 24218 | Softwood flooring, siding, and other general sawmill and planing mill products .. | 141.1 | 237.7 | 240.1 | 260.4 | 158.9 | 125.2 | ¹⁴ 157.2 | ¹⁴ 54.5 |
| 24219 | Custom sawing receipts from contract or custom sawing, kiln drying, and planing of lumber or logs owned by others .. | 77.2 | 106.1 | 151.8 | 129.9 | 104.2 | 90.7 | 40.9 | 31.3 |
| 24210 | Sawmills and planing mill products, n.s.k. | 1 544.4 | 1 151.8 | 1 220.1 | 1 175.8 | (S) | 1 068.2 | 804.1 | 524.3 |
| 2426- | Hardwood dimension and flooring | 872.5 | 1 007.5 | 956.0 | 1 013.0 | 1 081.3 | 807.5 | 571.5 | 422.6 |
| 24261 | Hardwood flooring | 187.9 | 181.2 | 182.7 | 246.7 | 226.3 | 159.6 | 118.6 | 129.2 |
| 24262 | Hardwood dimension stock, furniture parts, and vehicle stock .. | 452.7 | 565.9 | 536.0 | 576.1 | 555.8 | 451.1 | 304.6 | 216.7 |
| 24266 | Wood frames for household furniture | 130.8 | 153.0 | 145.1 | 127.1 | 144.3 | 104.1 | 76.6 | 52.4 |
| 24260 | Hardwood dimension and flooring, n.s.k. | 101.1 | 107.5 | 92.2 | 63.2 | (S) | 92.6 | 71.7 | 24.3 |
| 24290 | Shingles, shakes, cooperage stock, and excelsior | 149.9 | 276.0 | 306.3 | 319.0 | 312.8 | 258.7 | 175.7 | 115.8 |
| 2431- | Millwork | 3 988.4 | 4 325.3 | 4 115.8 | 4 525.5 | 4 390.2 | 3 693.3 | 2 229.7 | 1 195.9 |
| 24311 | Wood window units | 692.1 | 738.3 | 671.7 | 784.4 | 767.2 | 609.3 | 279.4 | 149.6 |
| 24312 | Wood window sash | 60.6 | 99.4 | 86.0 | 103.1 | 99.0 | 95.4 | 60.7 | 39.8 |
| 24313 | Wood window and door frames | 190.2 | 234.0 | 223.5 | 287.7 | 252.2 | 264.6 | 147.0 | 56.6 |
| 24314 | Wood doors, interior and exterior | 775.5 | 933.7 | 985.1 | 992.9 | 969.0 | 707.5 | 527.6 | 287.5 |
| 24315 | Other wood doors, including garage, screen, etc. | 480.4 | 423.0 | 401.8 | 468.2 | 517.3 | 479.1 | 193.2 | 117.4 |
| 24316 | Wood moldings (standard) except prefinished moldings made from purchased moldings .. | 507.9 | 624.0 | 658.3 | 756.9 | 746.7 | 569.1 | 406.8 | 195.7 |
| 24317 | Prefinished wood moldings, made from purchased moldings .. | 99.1 | 135.3 | 91.0 | 82.9 | 121.9 | 75.0 | 74.1 | |
| 24318 | Other millwork products | 405.4 | 509.5 | 448.1 | 501.9 | 367.3 | 288.3 | 161.6 | 108.3 |
| 24310 | Millwork, n.s.k. | 777.2 | 628.3 | 550.4 | 547.5 | (S) | 605.1 | 377.9 | 241.0 |
| 2434- | Wood kitchen cabinets | 2 001.3 | 2 071.8 | 2 079.9 | 2 041.9 | 1 927.9 | 1 563.2 | 864.5 | (NA) |
| 24341 | Wood kitchen cabinets and cabinetwork, stock line .. | 708.0 | 784.2 | 807.4 | 877.1 | 852.5 | 689.2 | 436.0 | 250.8 |
| 24342 | Wood kitchen cabinets and cabinetwork, custom .. | 496.4 | 677.7 | 676.0 | 634.0 | (S) | 433.2 | 234.9 | ¹⁵ 141.2 |
| 24343 | Vanities and other cabinetwork | 244.3 | 314.0 | 283.9 | 232.8 | 224.8 | 146.4 | 71.6 | (NA) |
| 24340 | Wood kitchen cabinets, n.s.k. | 552.6 | 296.0 | 312.6 | 298.0 | (S) | 294.5 | 122.0 | (NA) |
| 2435- | Hardwood veneer and plywood | 1 237.0 | 1 373.7 | 1 330.6 | 1 426.9 | 1 265.2 | 1 160.0 | 875.3 | 607.1 |
| 24351 | Hardwood plywood | 530.6 | 562.2 | 536.3 | 570.6 | 497.5 | 455.8 | 368.9 | 303.0 |
| 24352 | Prefinished hardwood plywood, from purchased plywood .. | 225.8 | 292.4 | 321.3 | 412.2 | 395.4 | 383.8 | 286.7 | 135.1 |
| 24353 | Hardwood plywood type products | 159.7 | 113.8 | 96.2 | 85.0 | 74.6 | 60.8 | 31.1 | 33.0 |
| 24354 | Hardwood veneer, not reinforced or backed | 277.7 | 341.4 | 323.0 | 314.4 | 247.9 | 213.7 | 161.3 | 126.0 |
| 24350 | Hardwood veneer and plywood, n.s.k. | 43.2 | 63.9 | 53.8 | 44.7 | (S) | 46.0 | 27.3 | ¹⁵ 25.2 |
| 2436- | Softwood veneer and plywood | 2 780.0 | 3 201.2 | 3 270.9 | 4 045.0 | 4 144.2 | 3 582.3 | 1 939.6 | (NA) |
| 24363 | Softwood plywood type products | 73.5 | 146.8 | 120.2 | 138.9 | 163.7 | 102.6 | 39.6 | 24.2 |
| 24364 | Softwood veneer, not reinforced or backed | 315.8 | 384.8 | 370.9 | 525.9 | 519.5 | 404.5 | 304.3 | 135.3 |
| 24365 | Softwood plywood, rough | 1 404.5 | 1 546.0 | 1 549.8 | 1 989.4 | | | | |
| 24366 | Softwood plywood, sanded | 572.8 | 663.8 | 700.7 | 731.2 | 3 435.6 | 3 054.6 | 1 593.4 | 783.7 |
| 24367 | Softwood plywood specialties | 381.6 | 446.1 | 506.4 | 605.3 | | | | |
| 24360 | Softwood veneer and plywood, n.s.k. | 31.8 | 13.7 | 22.9 | 54.3 | 25.4 | 20.6 | 2.3 | (¹⁵) |
| 24390 | Fabricated structural wood products | 800.2 | 833.5 | 954.7 | 1 136.2 | 1 062.8 | 781.7 | 455.5 | (NA) |
| 2441- | Nailed wood boxes and shook | 314.6 | 291.8 | 299.3 | 316.9 | 279.6 | 265.3 | 232.8 | 255.3 |
| 24411 | Nailed or lock-corner wooden boxes | 109.0 | 151.0 | 158.4 | 171.3 | 92.7 | 93.8 | 86.5 | 111.9 |
| 24412 | Wooden box and crate shook | 156.2 | 104.3 | 105.1 | 117.3 | 142.9 | 127.0 | 100.0 | 109.1 |
| 24410 | Nailed wood boxes and shook, n.s.k. | 49.4 | 36.5 | 35.8 | 28.3 | (S) | 44.5 | 46.3 | 34.3 |
| 24480 | Pallets and skids | 969.7 | 1 089.1 | 1 101.6 | 1 079.1 | 886.8 | 642.9 | 287.4 | 187.0 |
| 24490 | Wood containers, n.e.c. | 295.6 | 336.7 | 305.2 | 264.4 | 268.5 | 235.3 | 218.7 | 236.6 |
| 2491- | Wood preserving | 1 325.0 | 1 280.6 | 1 289.1 | 1 177.1 | 1 097.1 | 892.2 | 461.4 | 327.5 |
| 24912 | Treated wood poles, piles, and posts | 461.1 | 509.8 | 510.8 | 448.3 | 387.6 | 305.5 | | |
| 24913 | Other treated wood products | 617.4 | 508.0 | 560.2 | 526.0 | 533.3 | 418.3 | 394.3 | 284.5 |
| 24919 | Contract wood preserving | 94.9 | 126.5 | 110.9 | 93.3 | 92.6 | 68.6 | 29.1 | 28.7 |
| 24910 | Wood preserving, n.s.k. | 151.6 | 136.3 | 107.2 | 109.6 | 83.7 | 99.8 | 38.0 | 14.3 |
| 24920 | Particleboard | 553.7 | 558.2 | 529.2 | 568.4 | 655.9 | 476.5 | 286.2 | 89.1 |
| 2499- | Wood products, n.e.c. | 3 300.7 | 3 308.3 | 3 046.5 | 3 161.2 | 2 667.9 | 2 488.7 | 1 479.1 | 905.3 |
| 24991 | Mirror and picture frames | 505.5 | 570.0 | 457.2 | 463.6 | 333.2 | 314.6 | 173.0 | 115.7 |
| 24992 | Cork and cork products | 40.9 | 53.7 | 37.3 | 44.7 | 36.8 | 32.8 | 18.1 | 20.5 |
| 24993 | Medium density fiberboard (MDF) | 144.7 | ¹⁷ 128.1 | ¹⁷ 120.6 | ¹⁷ 119.1 | ¹⁷ 113.2 | ¹⁷ 84.2 | | |
| 24995 | Prefinished particleboard and medium fiberboard (MDF) made from purchased particleboard and MDF .. | 110.3 | (NA) | (NA) | (NA) | (NA) | ¹⁷ 84.9 | 258.5 | 159.1 |
| 24996 | Hardboard products made from own hardboard | 558.3 | 529.8 | 489.8 | 551.5 | 547.7 | 508.0 | | |
| 24998 | Hardboard products made from purchased hardboard .. | 148.1 | 166.7 | 222.4 | 171.4 | 177.9 | 171.3 | 701.6 | 464.8 |
| 2499A | Miscellaneous wood products | 1 199.4 | (NA) | (NA) | (NA) | (NA) | 921.0 | | |
| 24990 | Wood products, n.e.c., n.s.k. | 593.6 | 540.2 | 543.5 | 596.8 | (S) | 372.0 | 327.9 | 145.2 |
| 2451- | Mobile homes | 3 578.9 | 3 954.8 | 3 494.3 | 4 050.8 | 3 634.8 | 3 175.4 | 3 181.6 | 941.4 |
| 24511 | Manufactured (mobile) homes (35 ft or more in length) .. | 3 141.7 | 3 618.8 | 3 183.9 | 3 757.3 | 3 411.5 | 2 895.7 | 3 126.6 | (NA) |
| 24512 | Manufactured (mobile) buildings, nonresidential (35 ft or more in length) .. | 183.7 | 257.0 | 197.4 | 182.5 | (S) | 83.3 | 44.5 | (NA) |
| 24510 | Mobile homes, n.s.k. | 253.5 | 79.1 | 113.1 | 110.9 | (S) | 196.4 | 10.5 | (NA) |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|---|-----------------|-------------------|-------------------|-------------------|-------------------|-----------------|----------------|----------------|
| 2452- | Prefabricated wood buildings and components | 1 286.5 | 1 498.7 | 1 631.9 | 2 034.5 | 2 234.4 | 1 863.8 | 989.3 | 306.3 |
| 24521 | Components for wood buildings (not complete units) | 130.9 | 250.6 | 270.9 | 296.9 | 285.4 | 232.2 | 119.7 | 14.0 |
| 24522 | Precut packages for wood buildings (complete units) | 287.2 | 332.6 | 364.8 | 442.8 | 464.0 | 362.9 | 157.7 | |
| 24523 | Wood buildings, complete units in panel form | 278.6 | 472.7 | 482.0 | 619.2 | 750.0 | 652.7 | 455.7 | 291.2 |
| 24524 | Wood buildings in three dimensional assemblies | 369.1 | 276.8 | 307.7 | 440.3 | 396.0 | 365.1 | 241.2 | |
| 24520 | Prefabricated wood buildings and components, n.s.k. | 220.7 | 166.0 | 206.4 | 235.3 | (S) | 250.9 | 15.0 | 1.1 |
| 2511- | Wood household furniture | 4 846.1 | 5 220.3 | 4 889.0 | 4 738.1 | 4 639.9 | 3 890.7 | 2 716.8 | 1 791.5 |
| 25112 | Wood living room, library, family room, and den furniture | 1 221.7 | 1 367.8 | 1 257.0 | 1 132.0 | 1 042.7 | 859.8 | 614.4 | 395.4 |
| 25113 | Wood dining room and kitchen furniture, except cabinets | 1 014.7 | 1 151.7 | 1 094.0 | 1 140.7 | 1 105.4 | 962.3 | 603.6 | 375.7 |
| 25115 | Wood bedroom furniture | 1 515.7 | 1 715.8 | 1 668.8 | 1 697.4 | 1 569.4 | 1 290.3 | 1 029.2 | 694.7 |
| 25116 | Infants' and children's wood furniture | 158.8 | 277.6 | 243.7 | 207.7 | 123.7 | 118.8 | 82.5 | 44.5 |
| 25117 | Wood outdoor, unpainted, and unassembled furniture | 249.9 | 196.1 | 155.0 | 162.1 | 250.1 | 185.8 | 107.9 | 63.8 |
| 25110 | Wood household furniture, n.s.k. | 685.4 | 511.3 | 470.5 | 398.1 | (S) | 473.7 | 279.2 | 217.4 |
| 25120 | Upholstered wood household furniture, except dual purpose sleep furniture | 3 319.8 | 3 562.5 | 3 330.6 | 3 241.5 | 3 184.7 | 2 735.7 | 1 990.5 | 1 163.1 |
| 2514- | Metal household furniture | 1 517.4 | 1 498.0 | 1 434.1 | 1 431.3 | 1 358.7 | 1 231.2 | 859.3 | 587.8 |
| 25141 | Metal household dining, dinette, and breakfast furniture | 360.7 | 376.0 | 347.6 | 351.5 | 353.5 | 319.1 | 245.6 | 163.1 |
| 25142 | Metal kitchen furniture | 61.8 | 102.3 | 102.1 | 103.7 | 73.3 | 73.4 | 71.4 | 56.5 |
| 25143 | Metal porch, lawn, outdoor, and casual furniture | 399.4 | 364.0 | 348.8 | 346.8 | 319.0 | 275.9 | 177.1 | 109.7 |
| 25144 | Other metal household furniture | 539.2 | 545.4 | 519.8 | 526.1 | 475.9 | 445.5 | 311.4 | 208.0 |
| 25140 | Metal household furniture, n.s.k. | 156.3 | 110.4 | 115.8 | 103.1 | (S) | 117.3 | 53.8 | 50.5 |
| 2515- | Mattresses and bedsprings | 2 042.6 | 2 220.3 | 2 043.9 | 1 905.3 | 1 628.2 | 1 481.5 | 1 079.6 | 709.6 |
| 25151 | Innerspring mattresses, other than crib size | 705.3 | 739.6 | 669.8 | 640.8 | 532.3 | 492.6 | 336.6 | 240.2 |
| 25152 | Other mattresses, including crib mattresses | 159.1 | 141.4 | 130.6 | 100.4 | 108.7 | 108.3 | 78.4 | 57.6 |
| 25153 | Foundations | 461.3 | 561.7 | 508.5 | 464.8 | 414.2 | 360.6 | 277.8 | 177.9 |
| 25155 | Dual purpose sleep furniture | 396.2 | 578.6 | 554.2 | 509.8 | 349.0 | 334.4 | 265.0 | 153.0 |
| 25156 | Sleep system ensembles, except conventional water beds | 23.9 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 25158 | Conventional water beds | 41.3 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 25150 | Mattresses and bedsprings, n.s.k. | 255.6 | 199.0 | 180.7 | 189.6 | (S) | 185.6 | 121.8 | 80.9 |
| 25170 | Wood TV, radio, stereo, and sewing machine cabinets | 302.4 | 296.9 | 309.7 | 320.9 | 353.1 | 312.8 | 293.0 | (NA) |
| 25190 | Household furniture, except wood or metal | 324.5 | 413.6 | 379.5 | 324.0 | 328.4 | 281.8 | 190.3 | 79.0 |
| 25210 | Wood office furniture | 1 132.1 | 1 220.9 | 1 145.2 | 955.9 | 658.8 | 562.2 | 259.1 | 158.1 |
| 2522- | Metal office furniture | 2 951.6 | 2 441.7 | 2 112.6 | 1 892.5 | 1 606.0 | 1 353.0 | 789.1 | 585.8 |
| 25221 | Office seating, including upholstered, except wood | 708.0 | 582.8 | 539.7 | 518.4 | 452.0 | 388.1 | 192.8 | 133.6 |
| 25225 | Office desks and extensions, except wood | 232.2 | 301.4 | 288.6 | 314.1 | 273.0 | 230.7 | 153.7 | 150.6 |
| 25226 | Office storage units, files, and tables, except wood | 991.1 | | | | | | | |
| 25227 | Panel and modular systems furniture, and all other nonwood office furniture, n.e.c. | 969.8 | 1 534.1 | 1 261.3 | 1 047.7 | 841.4 | 700.7 | 405.7 | 286.8 |
| 25220 | Office furniture, except wood, n.s.k. | 50.6 | 23.4 | 23.1 | 12.2 | (S) | 33.5 | 36.9 | 14.8 |
| 2531- | Public building and related furniture | 1 052.5 | 950.0 | 873.8 | 883.1 | 810.0 | 724.7 | 485.2 | 389.5 |
| 25311 | School furniture, except stone and concrete | 229.5 | 247.6 | 237.4 | 221.1 | 189.9 | 185.4 | 181.2 | 158.5 |
| 25312 | Public building furniture, except school furniture | 744.1 | 655.3 | 559.4 | 586.2 | 539.6 | 479.5 | 268.4 | 209.5 |
| 25310 | Public building furniture, n.s.k. | 79.0 | 47.1 | 77.0 | 65.8 | (S) | 59.8 | 35.6 | 21.5 |
| 2541- | Wood partitions and fixtures | 1 676.8 | 1 652.3 | 1 475.9 | 1 313.6 | 1 286.1 | 1 070.8 | 772.1 | 484.5 |
| 25411 | Wood partitions, shelving, and lockers | 152.5 | 178.9 | 153.1 | 161.9 | (S) | 135.6 | 77.0 | (NA) |
| 25412 | Plastics laminated fixture tops | 236.9 | 342.8 | 321.0 | 323.4 | 301.1 | 204.2 | 141.8 | (NA) |
| 25413 | Wood fixtures for stores, banks, offices, etc. | 997.0 | 923.7 | 829.9 | 702.1 | 684.3 | 561.1 | 354.0 | (NA) |
| 25410 | Wood partitions, shelving, lockers, and fixtures, n.s.k. | 290.3 | 206.9 | 171.8 | 126.2 | (S) | 169.9 | 199.3 | (NA) |
| 2542- | Metal partitions and fixtures | 1 828.2 | 1 682.4 | 1 634.5 | 1 518.9 | 1 340.1 | 1 215.8 | 713.2 | 512.2 |
| 25421 | Partitions, except wood | 218.0 | 167.2 | 151.9 | 121.2 | 98.4 | 96.7 | 79.4 | (NA) |
| 25422 | Shelving and lockers, except wood | 469.4 | 481.9 | 463.2 | 415.4 | 367.3 | 349.4 | 236.2 | (NA) |
| 25423 | Storage racks and accessories, except wood | 342.9 | 317.8 | 338.5 | 354.5 | 330.3 | 275.6 | 95.2 | (NA) |
| 25424 | Fixtures for stores, banks, and offices, except wood | 636.3 | 623.8 | 617.2 | 575.0 | 463.9 | 391.0 | 217.3 | (NA) |
| 25420 | Partitions, shelving, lockers, and fixtures (except wood), n.s.k. | 161.6 | 91.8 | 63.7 | 52.7 | (S) | 103.1 | 85.1 | (NA) |
| 2591- | Drapery hardware and blinds and shades | 1 001.2 | 955.0 | 837.2 | 793.1 | 725.4 | 615.3 | 311.3 | 207.0 |
| 25913 | Window shades and accessories | 181.0 | 195.4 | 186.3 | 168.2 | 165.1 | 140.3 | 180.9 | (NA) |
| 25914 | Venetian blinds | 406.5 | 263.6 | 212.8 | 187.5 | 125.1 | 99.0 | 182.9 | (NA) |
| 25915 | Other shades and blinds, n.e.c., and curtain and drapery rods, and poles, etc. | 301.8 | 393.5 | 360.4 | 374.7 | 378.1 | 320.3 | 181.0 | (NA) |
| 25910 | Drapery hardware, blinds, and shades, n.s.k. | 111.9 | 102.5 | 77.7 | 62.7 | (S) | 55.7 | 40.9 | 30.6 |
| 25990 | Furniture and fixtures, n.e.c. | 1 271.3 | 968.9 | 938.3 | 835.2 | 902.3 | 687.4 | 379.9 | 193.8 |
| 2611- | Pulp mill products | 3 644.2 | 3 971.0 | 3 911.9 | 3 077.2 | 2 499.5 | 2 466.4 | 1 132.4 | 904.8 |
| 26111 | Special alpha and dissolving woodpulp | 593.8 | 715.2 | 818.3 | 621.9 | 550.7 | 570.5 | 304.7 | 227.2 |
| 26113 | Sulfate wood pulp | 2 510.8 | | | | | | | |
| 26114 | Sulfite and other wood pulp | 183.0 | 3 249.8 | 3 087.4 | 2 450.6 | 1 948.4 | 1 894.8 | 826.0 | 673.8 |
| 26115 | Pulp, other than wood, and pulpmill byproducts, n.e.c. | 353.0 | | | | | | | |
| 26110 | Pulp mill products, n.s.k. | 3.6 | 6.0 | 6.2 | 4.7 | .4 | 1.1 | 1.7 | 3.8 |
| 2621- | Paper mill products, except building paper | 20 056.9 | 19 936.3 | 17 710.7 | 15 784.3 | 13 535.7 | 12 438.2 | 6 182.2 | 4 739.5 |
| 26211 | Newsprint | 2 161.6 | 2 063.0 | 1 683.9 | 1 226.1 | 1 039.8 | 989.3 | 506.0 | 321.8 |
| 26212 | Uncoated groundwood paper | 841.5 | 842.3 | 741.4 | 722.7 | 593.9 | 539.0 | 232.7 | 192.6 |
| 26213 | Clay coated printing and converting papers | 3 787.3 | 3 581.4 | 3 160.3 | 2 824.9 | 2 572.1 | 2 260.9 | 1 024.8 | 818.1 |
| 26214 | Uncoated free sheet | 5 530.6 | 5 765.7 | 5 442.9 | 4 665.8 | 3 761.5 | 3 352.7 | 74.4 | (NA) |
| 26215 | Bleached bristols, excluding cotton fiber index and bogus | 605.2 | 602.8 | 494.0 | 502.1 | 504.4 | 474.3 | 244.4 | 210.6 |
| 26216 | Cotton fiber paper and thin paper | 599.3 | 736.2 | 676.6 | 645.3 | 536.4 | 496.1 | 108.2 | (NA) |
| 26217 | Unbleached kraft packaging and ind. converting paper | 1 199.8 | 1 444.4 | 1 438.6 | 1 243.9 | 1 137.7 | 1 098.7 | 602.9 | 503.1 |
| 26218 | Packaging and industrial converting paper, except unbleached kraft | 666.7 | 793.3 | 719.5 | 759.8 | 626.8 | 560.6 | 379.3 | 283.8 |
| 26219 | Special industrial paper | 942.8 | 639.5 | 544.1 | 575.3 | 522.6 | 550.7 | 272.1 | 193.2 |
| 2621A | Tissue paper and other machine creped paper | 3 685.4 | | | | | | | |
| 26210 | Paper mill products, except building paper, n.s.k. | 36.7 | 3 467.6 | 2 809.3 | 2 618.3 | 2 240.6 | 2 115.9 | 959.1 | 698.0 |
| 2631- | Paperboard mill products | 9 390.0 | 10 064.9 | 9 062.8 | 8 026.9 | 6 988.8 | 6 434.7 | 3 657.4 | 2 673.1 |
| 26311 | Unbleached kraft packaging and industrial converting paperboard | 4 076.1 | 4 575.9 | 4 069.7 | 3 542.1 | 2 939.2 | 2 697.2 | 1 562.2 | 974.8 |
| 26312 | Bleached packaging and industrial converting paperboard | 2 146.0 | 2 031.3 | 1 780.9 | 1 566.5 | 1 530.1 | 1 364.6 | 696.3 | 522.6 |
| 26313 | Semichemical paperboard | 1 012.5 | 1 158.7 | 1 069.1 | 967.1 | 784.3 | 748.9 | 415.3 | 294.9 |
| 26314 | Recycled paperboard | 2 062.1 | 2 173.0 | 2 053.7 | 1 863.3 | 1 668.2 | 1 562.7 | 929.5 | 810.4 |
| 26318 | Wet machine board | 62.8 | 76.8 | 64.2 | 70.4 | 63.6 | 59.3 | 46.6 | 36.4 |
| 26310 | Paperboard mill products, n.s.k. | 30.4 | 49.3 | 25.3 | 17.4 | (S) | 2.0 | 7.5 | 34.0 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|---|----------|-------------------|-------------------|-------------------|-------------------|----------|---------|---------|
| 2661- | Building paper and board | 354.3 | 500.4 | 517.8 | 563.6 | 564.4 | 514.3 | 401.9 | 317.9 |
| 26611 | Fiberboard | 188.9 | 208.7 | 211.3 | 231.7 | 238.8 | 222.2 | 219.7 | 177.3 |
| 26612 | Construction paper | 165.3 | 253.5 | 281.6 | 313.2 | 325.3 | 291.8 | 175.6 | 135.3 |
| 26610 | Building paper and board, n.s.k. | (Z) | 38.2 | 24.9 | 18.7 | .3 | .3 | 6.6 | 5.3 |
| 2641- | Coated and glazed paper | 4 903.1 | 4 803.4 | 4 302.4 | 3 832.1 | 3 320.2 | 3 043.2 | 1 650.5 | 1 354.6 |
| 26411 | Printing paper coated at establishments other than where paper was produced | 241.6 | 269.3 | 233.4 | 233.6 | 217.7 | 172.0 | 111.8 | 125.3 |
| 26413 | Gummed products | 211.9 | 237.7 | 259.7 | 229.6 | 199.2 | 187.6 | 139.2 | 125.6 |
| 26414 | Pressure sensitive products | 1 867.6 | 1 857.3 | 1 649.5 | 1 502.7 | 1 305.1 | 1 177.7 | 574.5 | 438.3 |
| 26415 | Single web paper, coated rolls and sheets, including waxed, for packaging uses | 433.9 | | | | | | | |
| 26416 | Single web film, coated roll and sheets, including coextruded, for packaging uses | 168.2 | 2 297.7 | 2 043.0 | 1 757.4 | 1 514.9 | 1 277.0 | 773.7 | 637.7 |
| 26419 | Paper/paper multiweb laminations, for packaging uses | 182.3 | | | | | | | |
| 2641A | Multiweb laminated rolls and sheets except paper/paper and foil for packaging uses | 544.8 | | | | | | | |
| 2641B | Other coated and processed paper, except for packaging | 900.3 | | | | | | | |
| 26410 | Coated and glazed paper, n.s.k. | 352.6 | 141.4 | 116.8 | 108.8 | (S) | 228.9 | 51.3 | 27.7 |
| 26420 | Envelopes, all types and materials (except stationery) | 1 751.6 | 1 610.3 | 1 460.7 | 1 288.8 | 1 140.4 | 980.6 | 587.9 | 443.4 |
| 2643- | Bags, except textile bags | 4 772.8 | 5 037.6 | 4 621.0 | 4 200.4 | 3 819.1 | 3 304.1 | 1 829.4 | 1 292.7 |
| 26434 | Grocer's bags and sacks, variety, shopping, uncoated | 1 163.8 | | | | | | | |
| 26435 | Specialty bags and liners, single web paper, coated | 205.5 | 4 182.2 | 3 819.1 | 3 376.1 | 2 787.6 | 2 251.9 | 1 312.6 | 934.2 |
| 26436 | Specialty bags and liners, single web film | 1 964.0 | | | | | | | |
| 26437 | Specialty bags and liners, multiweb laminations and foil | 222.1 | | | | | | | |
| 26438 | Shipping sacks and multiwall bags, except textiles | 846.5 | 805.8 | 760.2 | 781.6 | 714.0 | 672.6 | 428.5 | 316.4 |
| 26430 | Bags, except textile bags, n.s.k. | 370.9 | (S) | (S) | (S) | (S) | 379.6 | 88.3 | 42.1 |
| 2645- | Die-cut paper and board | 1 605.1 | 1 514.8 | 1 394.5 | 1 213.9 | 1 155.5 | 1 034.3 | 645.9 | 547.6 |
| 26453 | Die-cut paper and board office supplies | 597.9 | | | | | | | |
| 26454 | Die-cut paper and board products (other than office) | 199.4 | 826.5 | 745.3 | 671.5 | 517.3 | 484.9 | 342.9 | 346.6 |
| 26455 | Pasted, lined, laminated, or surface-coated paperboard | 684.8 | 576.0 | 529.9 | 465.6 | 474.8 | 438.4 | 271.3 | 167.7 |
| 26450 | Die-cut paper and board products, n.s.k. | 123.0 | 112.3 | 119.3 | 76.8 | 163.4 | 111.0 | 31.7 | 33.3 |
| 26460 | Pressed and molded pulp goods | 242.3 | 246.2 | 209.2 | 216.7 | 221.6 | 239.6 | 161.6 | 142.7 |
| 2647- | Sanitary paper products | 8 373.5 | 7 752.3 | 7 043.4 | 6 163.9 | 5 105.5 | 4 562.6 | 1 981.9 | 1 234.4 |
| 26471 | Sanitary napkins and tampons | 915.1 | 919.2 | 775.8 | 660.4 | 581.0 | 588.7 | 281.1 | 182.1 |
| 26473 | Disposable diapers, except diaper liners, paper | 2 158.5 | | | | | | | |
| 26474 | Sanitary tissue health products | 5 259.8 | 6 793.0 | 6 283.8 | 5 420.3 | 4 475.2 | 3 948.3 | 1 692.7 | 1 040.6 |
| 26470 | Sanitary paper products, n.s.k. | 40.1 | 40.1 | (S) | 83.2 | (S) | 25.6 | 8.1 | 11.7 |
| 2648- | Stationery products | 959.2 | 896.6 | 840.8 | 751.5 | 717.7 | 630.5 | 421.5 | 310.3 |
| 26481 | Stationery | 261.8 | 268.4 | 235.4 | 190.0 | 171.1 | 141.2 | 118.1 | (NA) |
| 26482 | Tablets, pads, and related products | 603.1 | 569.4 | 535.6 | 497.7 | 463.7 | 425.5 | 219.6 | (NA) |
| 26480 | Stationery products, n.s.k. | 94.4 | 58.9 | 69.8 | 63.8 | (S) | 63.8 | 83.8 | (NA) |
| 2649- | Converted paper products, n.e.c. | 2 436.1 | 2 412.1 | 2 255.1 | 2 103.9 | 1 808.7 | 1 748.8 | 661.8 | 493.0 |
| 26493 | Wallcoverings | 396.9 | 410.2 | 361.1 | 325.5 | 287.8 | 306.5 | 83.0 | 46.2 |
| 26494 | Gift wrap paper | 389.6 | | | | | | | |
| 26496 | Paper business machine supplies, office supplies, n.e.c. | 221.8 | 1 665.2 | 1 593.8 | 1 543.5 | 1 300.3 | 1 199.6 | 572.2 | 393.2 |
| 26497 | Other converted paper and board products | 1 082.6 | | | | | | | |
| 26490 | Converted paper products, n.e.c., n.s.k. | 345.2 | 336.7 | 300.1 | 234.9 | (S) | 242.7 | 6.6 | 53.6 |
| 26510 | Bending paperboard packaging and packaging components | 3 743.9 | 3 415.0 | 3 152.9 | 2 797.7 | 2 667.4 | 2 393.4 | 1 372.1 | 1 116.2 |
| 26520 | Set-up (rigid) paperboard boxes | 485.1 | 485.0 | 447.1 | 408.1 | 417.0 | 377.7 | 342.6 | 291.8 |
| 26530 | Corrugated and solid fiber boxes, including pallets | 10 303.1 | 10 495.9 | 9 363.5 | 8 686.9 | 7 893.9 | 7 182.8 | 4 196.9 | 2 893.2 |
| 2654- | Sanitary food containers | 2 555.8 | 2 627.2 | 2 392.5 | 2 251.7 | 2 065.6 | 1 964.9 | 1 381.3 | 1 105.8 |
| 26541 | Milk and other beverage cartons | 550.5 | 512.6 | 502.7 | 489.5 | 465.9 | 480.0 | 316.4 | 278.9 |
| 26542 | Cups and liquid-tight containers | 885.2 | 828.1 | 779.3 | 724.9 | 632.5 | 594.1 | 458.8 | 384.5 |
| 26544 | Folding sanitary food containers for liquid, etc. | 714.7 | | | | | | | |
| 26545 | Other sanitary food containers, boards, and trays | 362.2 | 1 299.1 | 1 108.0 | 1 034.8 | 917.2 | 842.2 | 584.8 | 430.8 |
| 26540 | Sanitary food containers, n.s.k. | 43.1 | (S) | (S) | (S) | (S) | 48.6 | 21.3 | 11.6 |
| 2655- | Fiber cans, drums, and similar products | 1 490.3 | 1 525.4 | 1 328.4 | 1 295.1 | 1 143.7 | 1 040.4 | 620.0 | 425.4 |
| 26551 | Paperboard fiber drums | 289.8 | 286.5 | 282.6 | 299.8 | 234.3 | 223.8 | 136.9 | 93.4 |
| 26552 | Fiber cans, tubes, and similar fiber products | 1 152.3 | 1 188.1 | 1 004.5 | 956.3 | 875.8 | 782.6 | 465.7 | 322.0 |
| 26550 | Fiber cans, drums, and similar products, n.s.k. | 48.2 | 50.8 | 41.3 | 38.9 | (S) | 34.0 | 17.4 | 10.1 |
| 2711- | Newspapers | 20 313.7 | 19 125.2 | 17 155.7 | 15 530.9 | 13 799.8 | 12 468.1 | 7 901.1 | 5 549.8 |
| 27111 | Daily and Sunday newspapers, subscriptions and sales | 3 922.5 | 3 735.9 | 3 335.4 | 3 020.8 | 2 721.0 | 2 561.1 | 1 746.8 | 1 309.1 |
| 27112 | Daily and Sunday newspapers, advertising | 13 233.2 | 12 849.5 | 11 530.8 | 10 481.7 | 9 271.1 | 8 140.5 | 5 213.8 | 3 652.5 |
| 27113 | Weekly and other newspapers, subscriptions and sales | 429.6 | 509.1 | 451.4 | 390.6 | 315.3 | 240.6 | 106.9 | 78.2 |
| 27114 | Weekly and other newspapers, advertising | 1 106.9 | 1 074.0 | 1 023.2 | 951.4 | (S) | 734.5 | 386.5 | 243.2 |
| 27110 | Newspaper publishing, n.s.k. | 1 621.5 | 956.8 | 814.8 | 686.5 | (S) | 791.4 | 447.1 | 266.8 |
| 2721- | Periodicals | 10 625.8 | 9 158.8 | 8 418.7 | 7 434.1 | 6 518.6 | 5 528.8 | 3 187.0 | 2 668.2 |
| 27211 | Farm periodicals, subscriptions, sales, advertising | 246.9 | 145.8 | 152.0 | 153.9 | 127.4 | 107.5 | 75.9 | 57.0 |
| 27213 | Business and professional periodicals, subscriptions and sales | 952.8 | 726.7 | 648.8 | 635.5 | 577.2 | 464.2 | 262.2 | 149.6 |
| 27214 | Business and professional periodicals, advertising | 1 647.5 | 1 725.6 | 1 547.5 | 1 367.0 | 1 013.8 | 850.2 | 647.9 | 524.9 |
| 2721A | General and consumer periodicals, subscriptions | 1 596.6 | | | | | | | |
| 2721B | General and consumer periodicals, single-copy sales | 963.8 | 2 707.7 | 2 583.5 | 2 195.4 | 2 038.4 | 1 685.7 | 832.8 | 593.5 |
| 2721C | General and consumer periodicals, advertising | 3 161.8 | 2 518.5 | 2 340.9 | 2 129.3 | 1 902.8 | 1 595.5 | 895.7 | 879.5 |
| 2721D | Other periodicals, except shopping news, directories, or catalogs, n.e.c. | 509.8 | 318.6 | 280.8 | 290.8 | 256.5 | 250.7 | 282.1 | 284.2 |
| 27210 | Periodical publishing, n.s.k. | 1 546.6 | 1 016.0 | 865.3 | 662.3 | (S) | 575.0 | 190.4 | 179.5 |
| 2731- | Book publishing | 7 812.6 | 7 064.2 | 6 411.0 | 5 819.6 | 5 582.5 | 5 007.7 | 2 915.4 | 2 255.3 |
| 27311 | Textbooks, including teachers' editions | 2 167.9 | 2 146.5 | 1 932.8 | 1 699.5 | 1 566.7 | 1 408.7 | 809.6 | 733.6 |
| 27313 | Technical, scientific, and professional books | 1 359.6 | 1 096.5 | 978.7 | 871.6 | 750.2 | 684.1 | 403.0 | 240.2 |
| 27314 | Religious books | 322.1 | 300.6 | 297.4 | 269.7 | 253.1 | 241.6 | 131.2 | 110.4 |
| 2731A | Mass market paperback books, rack size | 553.4 | | | | | | | |
| 2731B | Book club books | 417.9 | | | | | | | |
| 2731C | Mail order books | 508.6 | 2 568.5 | 2 274.7 | 2 101.5 | 2 025.2 | 1 895.6 | 1 006.7 | 657.7 |
| 2731D | Adult trade and juvenile books | 1 111.4 | | | | | | | |
| 2731E | General reference books | 299.0 | 375.1 | 377.8 | 369.3 | 361.5 | 300.1 | 235.3 | 216.3 |
| 2731F | Other books, excluding pamphlets | 218.5 | 177.0 | 155.7 | 149.5 | 133.5 | 110.4 | 125.4 | |
| 2731G | Pamphlets (5 to 48 pages) | 75.4 | 47.6 | 39.7 | 47.5 | (S) | 49.1 | 48.7 | 200.1 |
| 27310 | Book publishing, n.s.k. | 778.7 | 352.5 | 354.1 | 311.1 | (S) | 318.1 | 155.5 | 97.0 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|--|----------|-------------------|-------------------|-------------------|-------------------|---------|---------|---------|
| 2732- | Book printing | 2 501.9 | 2 694.7 | 2 427.4 | 2 192.4 | 2 094.0 | 1 830.6 | 1 049.9 | 900.3 |
| 27323 | Textbooks, printing and binding | 335.1 | | | | | | | |
| 27324 | Technical, scientific, and professional books (printing and binding) | 289.5 | | | | | | | |
| 27325 | Religious books, printing and binding | 107.3 | | | | | | | |
| 27326 | General books (trade, etc.), printing and binding | 615.4 | 2 555.3 | 2 299.1 | 2 086.2 | 1 909.4 | 1 670.1 | 957.7 | 855.3 |
| 2732A | Other books, n.e.c., printing and binding | 383.6 | | | | | | | |
| 2732B | Books, printing only, not bound | 11.8 | | | | | | | |
| 2732C | Pamphlets, printing only or printing and binding | 200.8 | | | | | | | |
| 27320 | Book printing, n.s.k. | 458.4 | 139.4 | 128.3 | 106.2 | 184.6 | 160.5 | 92.2 | 45.0 |
| 2741- | Miscellaneous publishing | 3 096.6 | 2 780.9 | 2 509.4 | 2 230.0 | 2 009.4 | 1 935.1 | 1 058.3 | 608.6 |
| 27411 | Catalogs and directories, publishing | 882.7 | 810.9 | 697.5 | 573.4 | 478.7 | 456.9 | 244.1 | 184.6 |
| 27412 | Business service publications, publishing | 535.5 | 679.7 | 562.1 | 486.9 | 463.3 | 416.7 | 241.9 | 123.0 |
| 27414 | Patterns, including clothing patterns | 181.8 | | | | | | | |
| 27415 | Other miscellaneous publishing | 1 010.5 | 998.9 | 956.8 | 899.8 | 825.7 | 727.0 | 401.1 | 231.8 |
| 27410 | Miscellaneous publishing, n.s.k. | 486.0 | 291.3 | 292.9 | 270.0 | (S) | 334.5 | 171.2 | 69.2 |
| 2751- | Commercial printing, letterpress | 6 029.8 | 6 131.5 | 5 704.9 | 5 025.5 | 5 489.9 | 4 620.6 | 3 380.9 | 2 834.6 |
| 27511 | Magazine and periodical printing (letterpress) | 267.2 | 506.2 | 539.3 | 526.2 | 481.9 | 499.7 | 424.3 | 512.7 |
| 27512 | Labels and wrappers, printing (letterpress) | 1 079.4 | 1 067.1 | 994.6 | 926.4 | 803.5 | 746.9 | 501.9 | 390.2 |
| 27513 | Catalogs and directories, printing (letterpress) | 224.0 | 307.8 | 265.9 | 278.6 | 216.6 | 197.7 | 134.3 | 171.3 |
| 27514 | Financial and legal printing (letterpress) | 239.4 | 240.1 | 247.7 | 246.5 | 223.5 | 208.4 | 190.1 | 152.9 |
| 27515 | Advertising printing (letterpress) | 337.5 | 475.4 | 415.7 | 327.0 | (S) | 299.8 | 268.7 | 345.7 |
| 27516 | Other general job printing (letterpress) | 798.2 | 951.4 | 903.0 | 868.8 | 853.0 | 721.4 | 481.6 | 527.7 |
| 27519 | Screen process printing, except textiles | 696.9 | 631.9 | 593.8 | 474.2 | 353.5 | 314.7 | 172.1 | 93.3 |
| 27510 | Commercial printing, letterpress, n.s.k. | 2 387.2 | 1 951.6 | 1 745.0 | 1 377.8 | (S) | 1 632.0 | 1 207.9 | 640.8 |
| 2752- | Commercial printing, lithographic | 18 777.9 | 15 071.4 | 13 353.0 | 11 945.7 | 10 234.9 | 8 980.2 | 4 919.6 | 2 981.7 |
| 27521 | Magazine and periodical printing (lithographic) | 2 536.2 | 2 357.2 | 2 121.6 | 1 882.7 | 1 482.8 | 1 287.5 | 631.6 | 296.1 |
| 27522 | Labels and wrappers, printing (lithographic) | 677.0 | 713.7 | 645.5 | 573.5 | 471.6 | 391.3 | 280.3 | 186.9 |
| 27523 | Catalogs and directories, printing (lithographic) | 1 804.2 | 1 652.7 | 1 511.1 | 1 358.9 | 984.5 | 838.3 | 464.1 | 267.7 |
| 27524 | Financial and legal printing (lithographic) | 957.5 | 765.0 | 662.2 | 622.8 | 503.6 | 471.6 | 271.1 | 137.7 |
| 27525 | Advertising printing (lithographic) | 4 985.1 | 3 687.2 | 3 367.6 | 2 986.7 | 2 769.3 | 2 407.7 | 1 553.9 | 967.6 |
| 27526 | Other general job printing (lithographic) | 3 343.3 | 2 750.7 | 2 578.1 | 2 425.5 | 2 422.6 | 2 178.1 | 967.7 | 705.6 |
| 27520 | Commercial printing, lithographic (offset), n.s.k. | 4 474.6 | 3 144.8 | 2 467.0 | 2 095.5 | (S) | 1 405.7 | 750.9 | 420.1 |
| 2753- | Engraving and plate printing | 603.7 | 334.4 | 281.2 | 300.8 | 330.0 | 288.7 | 205.0 | 151.3 |
| 27531 | Engraving | 228.2 | | | | | | | |
| 27532 | Engraved or etched printing plates made for others | 213.5 | 334.4 | 281.2 | 300.8 | 330.0 | 288.7 | 205.7 | 151.3 |
| 27530 | Engraving and plate printing, n.s.k. | 162.0 | | | | | | | |
| 2754- | Commercial printing, gravure | 2 248.9 | 2 160.1 | 1 814.6 | 1 599.4 | 1 363.8 | 1 170.6 | 759.1 | 430.4 |
| 27541 | Magazine and periodical printing (gravure) | 521.0 | 521.5 | 438.4 | 382.2 | 333.7 | 275.5 | (NA) | (NA) |
| 27542 | Labels and wrappers, printing (gravure) | 437.4 | 425.2 | 331.8 | 326.2 | 308.6 | 276.2 | 189.9 | (NA) |
| 27543 | Catalogs and directories, printing (gravure) | 651.2 | 537.7 | 473.4 | 379.9 | 300.1 | 233.5 | (NA) | (NA) |
| 27545 | Advertising printing (gravure) | 286.4 | 332.2 | 239.3 | 198.1 | 153.3 | 143.2 | 100.9 | (NA) |
| 27546 | Other commercial printing (gravure) | 102.7 | 110.1 | 143.9 | 145.2 | 112.9 | 91.5 | 46.8 | (NA) |
| 27547 | Gravure plates and cylinders | 89.9 | 81.6 | 78.8 | 72.4 | 72.5 | 62.3 | 33.7 | (NA) |
| 27540 | Commercial printing, gravure, n.s.k. | 160.4 | 151.6 | 109.0 | 95.5 | (S) | 88.4 | 32.1 | (NA) |
| 2761- | Manifold business forms | 4 812.2 | 4 559.3 | 4 151.0 | 3 748.6 | 3 076.8 | 2 702.6 | 1 381.9 | 895.8 |
| 27612 | Unit set forms | 1 187.7 | 1 420.3 | 1 302.4 | 1 209.5 | 937.6 | 885.3 | 514.2 | 347.4 |
| 27613 | Manifold books | 238.5 | 210.4 | 196.5 | 185.3 | 146.8 | 129.5 | 51.5 | 44.2 |
| 27615 | Custom continuous forms | 1 731.6 | 1 568.4 | 1 488.6 | 1 314.8 | 1 043.1 | 896.0 | 553.6 | (NA) |
| 27617 | Stock continuous forms | 1 270.4 | 1 216.8 | 1 029.7 | 907.0 | 733.0 | 622.2 | 204.9 | (NA) |
| 27610 | Manifold business forms, n.s.k. | 384.0 | 143.5 | 133.8 | 132.0 | (S) | 169.7 | 57.7 | 24.0 |
| 2771- | Greeting card publishing | 1 395.2 | 1 290.1 | 1 096.4 | 960.4 | 845.7 | 765.2 | 583.5 | 441.4 |
| 27711 | Greeting cards, publishers' sales | 1 254.8 | 1 194.8 | 1 012.1 | 883.5 | 767.0 | 694.3 | 510.8 | 381.4 |
| 27712 | Greeting cards, printed for publication by others | 88.0 | 62.6 | 53.9 | 50.7 | (S) | 39.6 | 48.8 | 44.0 |
| 27710 | Greeting cards, publishing, n.s.k. | 52.4 | 32.8 | 30.3 | 26.3 | (S) | 31.3 | 23.9 | 16.0 |
| 2782- | Blankbooks and looseleaf binders | 1 874.6 | 1 760.1 | 1 587.5 | 1 333.3 | 1 193.7 | 1 039.5 | 571.3 | 362.3 |
| 27823 | Checkbooks | 776.6 | | | | | | | |
| 27824 | Blankbook making, except checkbooks | 279.5 | 1 063.9 | 950.3 | 805.2 | 697.6 | 605.7 | 320.1 | 186.8 |
| 27825 | Looseleaf binders and devices | 652.8 | 583.0 | 539.4 | 438.0 | 393.2 | 346.3 | 209.9 | 153.8 |
| 27820 | Blankbooks and looseleaf binders, n.s.k. | 165.7 | 113.2 | 97.8 | 90.1 | (S) | 87.5 | 41.3 | 21.7 |
| 2789- | Bookbinding and related work | 765.9 | 820.0 | 765.7 | 683.5 | 555.2 | 508.0 | 369.2 | 337.5 |
| 27891 | Edition, library, and other hardcover bookbinding | 183.0 | 232.9 | 241.1 | 211.2 | 184.4 | 172.3 | 147.6 | 167.4 |
| 27892 | Other book and pamphlet binding, related binding work | 435.8 | 430.9 | 380.2 | 339.2 | 291.8 | 253.3 | 164.8 | 135.4 |
| 27890 | Bookbinding and related work, n.s.k. | 147.1 | 156.2 | 144.4 | 133.1 | 79.1 | 82.4 | 56.9 | 34.7 |
| 27910 | Typesetting | 1 330.9 | 1 078.3 | 1 056.7 | 945.2 | 854.6 | 781.5 | 508.7 | 362.1 |
| 27930 | Photoengraving plates made for others | 160.7 | 310.3 | 278.5 | 252.5 | 273.3 | 223.5 | 221.3 | 237.1 |
| 27940 | Electrotyping and stereotyping | | (S) | (S) | (S) | (S) | 15.6 | 35.5 | 61.4 |
| 2795- | Lithographic platemaking services | 1 173.1 | 1 139.0 | 1 037.2 | 897.6 | 777.7 | 630.7 | 263.0 | 151.2 |
| 27951 | Lithographic plates | 277.9 | 388.2 | 329.9 | 304.1 | 250.1 | 183.6 | 112.3 | (NA) |
| 27952 | Lithographic platemaking services | 748.3 | 676.9 | 652.3 | 540.6 | 496.4 | 403.3 | 131.6 | (NA) |
| 27950 | Lithographic plates and platemaking services, n.s.k. | 146.9 | 74.0 | 55.1 | 52.9 | (S) | 43.8 | 19.1 | (NA) |
| 2812- | Alkalies and chlorine | 2 346.1 | 2 479.7 | 2 078.4 | 1 864.1 | 1 746.3 | 1 786.7 | 805.7 | 623.1 |
| 28121 | Chlorine, compressed or liquefied | 440.8 | 525.4 | 601.2 | 573.1 | 489.8 | 520.0 | 210.2 | 190.8 |
| 28123 | Sodium hydroxide (caustic soda) | 1 584.2 | 1 640.5 | 1 204.6 | 1 052.9 | 992.2 | 997.0 | 410.9 | 254.9 |
| 28125 | Other alkalies | 294.0 | (S) | (S) | (S) | 259.8 | 263.0 | 181.3 | 176.1 |
| 28120 | Alkalies and chlorine, n.s.k. | 27.1 | 176.3 | 161.4 | 140.6 | (S) | 6.7 | 3.3 | 1.3 |
| 2813- | Industrial gases | 2 002.2 | 1 904.8 | 1 562.8 | 1 514.5 | 1 407.8 | 1 199.1 | 659.1 | 543.4 |
| 28132 | Acetylene | 136.0 | 158.6 | 164.3 | 161.2 | 125.6 | 127.9 | 96.0 | 83.2 |
| 28133 | Carbon dioxide | 207.5 | 134.2 | 128.5 | 130.2 | 112.3 | 103.0 | 45.7 | 48.0 |
| 28135 | Nitrogen | 632.0 | 487.8 | 390.1 | 343.6 | 340.5 | 278.7 | | |
| 28136 | Oxygen | 578.3 | 524.3 | 460.2 | 483.9 | 447.9 | 375.1 | 487.2 | 390.8 |
| 28137 | Other elemental, compressed, and liquefied gases, n.e.c. | 376.5 | 549.5 | 368.5 | 350.7 | 299.6 | 268.0 | | |
| 28130 | Industrial gases, n.s.k. | 71.9 | 50.4 | (S) | 44.9 | (S) | 46.4 | 30.2 | 21.4 |
| 2816- | Inorganic pigments | 1 590.7 | 1 820.8 | 1 601.4 | 1 584.8 | 1 380.7 | 1 339.2 | 756.2 | 560.8 |
| 28161 | Titanium pigments | 845.8 | 939.5 | 815.5 | 751.4 | 653.4 | 627.1 | 355.6 | 298.4 |
| 28162 | Other white opaque pigments | 189.3 | 230.9 | 187.3 | 256.6 | 165.5 | 204.8 | 99.9 | 65.4 |
| 28163 | Chrome colors and other inorganic pigments | 529.3 | 636.3 | 587.2 | 571.5 | 537.2 | 485.0 | 283.2 | 189.3 |
| 28160 | Inorganic pigments, n.s.k. | 26.3 | 14.1 | 11.5 | 5.3 | (S) | 22.3 | 17.5 | 7.6 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|--|----------------------|-------------------|-------------------|-------------------|-------------------|----------|----------------------|----------------------|
| 2819- | Industrial inorganic chemicals, n.e.c. | 9 698.2 | 10 090.0 | 10 327.2 | 9 294.0 | 7 976.8 | 6 920.3 | 3 008.8 | (NA) |
| 28193 | Sulfuric acid | 586.0 | 582.2 | 543.4 | 469.9 | 466.6 | 427.1 | 245.4 | 250.6 |
| 28194 | Inorganic acids, except nitric, sulfuric, and phosphoric | 478.6 | 488.8 | 460.2 | 425.4 | 395.0 | 364.4 | 160.4 | (NA) |
| 28195 | Aluminum oxide | 844.2 | 1 233.2 | 1 263.4 | 1 026.1 | 905.5 | 827.3 | 388.6 | 402.4 |
| 28196 | Other aluminum compounds | 376.8 | 517.2 | 436.3 | 395.7 | 335.9 | 312.3 | 175.5 | 127.2 |
| 28197 | Potassium and sodium compounds, n.e.c. | 1 462.8 | 1 552.4 | 1 374.5 | 1 275.4 | 1 205.5 | 1 102.8 | 503.1 | 455.7 |
| 28198 | Chemical catalytic preparations | 676.5 | 720.3 | 603.3 | 755.5 | 458.4 | 398.4 | 172.8 | 123.1 |
| 28199 | Other inorganic chemicals, n.e.c. | 4 790.7 | 4 836.0 | 5 520.3 | 4 832.8 | 3 993.1 | 3 375.3 | 1 334.6 | 1 035.5 |
| 28190 | Industrial inorganic chemicals, n.e.c., n.s.k. | 482.6 | 159.9 | 125.9 | 113.3 | (S) | 112.8 | 28.4 | 38.9 |
| 2821- | Plastics materials and resins | 17 614.8 | 20 172.3 | 18 013.8 | 16 964.2 | 13 783.1 | 12 181.1 | 4 486.4 | 2 784.9 |
| 28213 | Thermoplastic resins and plastics materials | 14 251.6 | 16 102.6 | 14 453.4 | 13 586.0 | 11 089.4 | 9 897.7 | 3 576.8 | (NA) |
| 28214 | Thermosetting resins and plastics materials | 2 877.9 | 3 901.0 | 3 472.5 | 3 295.0 | 2 625.3 | 2 226.7 | 904.9 | (NA) |
| 28210 | Plastics materials and resins, n.s.k. | 485.3 | 168.7 | 87.9 | 83.3 | (S) | 56.7 | 4.7 | 28.7 |
| 28220 | Synthetic rubber (vulcanizable elastomers) | 3 212.2 | 3 461.8 | 3 247.5 | 3 227.6 | 2 826.3 | 2 354.1 | 1 288.6 | 1 004.9 |
| 28230 | Rayon and acetate fibers | 1 114.8 | 1 230.9 | 1 155.9 | 1 085.5 | 945.3 | 851.1 | ¹⁹ 684.6 | ¹⁹ 681.1 |
| 2824- | Organic fibers, noncellulosic | 7 149.8 | 8 139.2 | 7 146.7 | 6 719.2 | 5 912.2 | 5 471.5 | ¹⁹² 949.1 | ¹⁹¹ 974.1 |
| 28241 | Nylon fibers, except producer textured | 1 891.1 | 2 788.2 | 2 494.4 | 2 481.6 | 2 180.1 | 1 962.9 | 1 251.8 | 1 068.4 |
| 28243 | Acrylic and modacrylic, except producer textured | 595.5 | 648.8 | 627.3 | 516.4 | 475.2 | 495.8 | (NA) | (NA) |
| 28244 | Polyester, except producer textured | 2 679.1 | 3 231.9 | 2 715.8 | 2 423.1 | 2 038.2 | 1 938.6 | (NA) | (NA) |
| 28245 | Other noncellulosic synthetic fibers, except producer textured | 445.9 | 517.3 | 416.6 | 364.9 | 340.3 | 178.2 | (NA) | (NA) |
| 28246 | Producer textured noncellulosic synthetic fibers | 1 519.7 | 944.3 | 885.2 | 927.9 | 868.1 | 890.6 | (NA) | (NA) |
| 28240 | Synthetic organic fibers, noncellulosic, n.s.k. | 18.6 | 8.7 | 7.4 | 5.3 | (S) | 5.4 | 3.3 | .4 |
| 2831- | Biological products | 2 416.5 | 1 857.4 | 1 601.9 | 1 420.6 | 1 216.0 | 1 067.5 | 495.2 | 220.6 |
| 28311 | Blood and blood derivatives for human use | 361.0 | 378.9 | 361.6 | 326.8 | 268.9 | 243.1 | 125.9 | 35.9 |
| 28312 | Vaccines, toxoids, and antigens for human use | 188.0 | 130.6 | 95.0 | 105.2 | 104.5 | 99.4 | 70.5 | 36.6 |
| 28317 | Other biologics for human use, except diagnostics | ²⁰¹ 26.2 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 28318 | Biological products for veterinary use, except diagnostics | ²⁰¹ 80.8 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 28319 | Biological products for industrial and other uses | 25.2 | 60.5 | 60.0 | 54.7 | 56.0 | 46.6 | (NA) | (NA) |
| 2831A | Diagnostics substances, in vivo and in vitro | ²⁰¹ 321.8 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 28310 | Biological products, n.s.k. | 213.5 | 112.4 | 111.8 | 100.8 | (S) | 87.8 | 13.8 | 5.7 |
| 2833- | Medicinals and botanicals | 3 732.7 | 3 397.3 | 3 158.3 | 2 905.9 | 2 406.1 | 2 205.9 | 793.5 | 593.8 |
| 28331 | Synthetic organic medicinal chemicals in bulk | 3 101.4 | 2 905.0 | 2 707.5 | 2 500.2 | 2 027.9 | 1 787.8 | 635.6 | 503.7 |
| 28333 | Other bulk medicinal chemicals and botanical products | 405.0 | 388.8 | 377.8 | 342.9 | 331.7 | 313.7 | 144.2 | 80.1 |
| 28330 | Medicinals and botanicals, n.s.k. | 226.3 | 103.5 | 73.0 | 62.7 | (S) | 104.4 | 14.0 | 10.0 |
| 2834- | Pharmaceutical preparations | 16 690.5 | 14 622.7 | 13 012.1 | 11 539.1 | 10 710.9 | 9 639.5 | 6 295.4 | 4 139.7 |
| 28341 | Pharmaceutical preparations affecting neoplasms, the endocrine system, and metabolic diseases, for human use | 1 635.1 | 1 427.8 | 1 153.5 | 1 017.7 | 976.8 | 905.3 | 615.4 | 420.2 |
| 28342 | Pharmaceutical preparations acting on the central nervous system and the sense organs, for human use | 3 758.8 | 3 137.9 | 2 905.8 | 2 604.1 | 2 531.4 | 2 254.4 | 1 638.1 | 1 137.1 |
| 28343 | Pharmaceutical preparations acting on the cardiovascular system, for human use | 1 836.6 | 1 372.0 | 1 115.3 | 954.4 | 863.4 | 748.4 | 383.1 | 207.5 |
| 28344 | Pharmaceutical preparations acting on the respiratory system, for human use | 1 588.1 | 1 330.8 | 1 134.7 | 1 080.5 | 1 088.0 | 871.4 | 579.9 | 361.4 |
| 28345 | Pharmaceutical preparations acting on the digestive or the genito-urinary systems, for human use | 1 345.5 | 1 316.2 | 1 152.9 | 1 122.5 | 1 118.8 | 1 080.3 | 764.0 | 552.1 |
| 28346 | Pharmaceutical preparations acting on the skin, for human use | 824.5 | 829.1 | 745.6 | 659.5 | 612.7 | 613.1 | 348.5 | 229.1 |
| 28347 | Vitamin, nutrient, and hematinic preparations, for human use | 2 103.5 | 2 135.5 | 2 124.6 | 1 748.5 | 1 468.1 | 1 315.4 | 690.5 | 378.4 |
| 28348 | Pharmaceutical preparations affecting parasitic and infective diseases, for human use | 2 438.6 | 2 115.3 | 1 801.8 | 1 620.3 | 1 429.1 | 1 292.6 | 949.0 | 664.5 |
| 28349 | Pharmaceutical preparations for veterinary use | 778.6 | 575.1 | 552.5 | 518.8 | 456.9 | 353.3 | 240.3 | 135.4 |
| 28340 | Pharmaceutical preparations, n.s.k. | 381.0 | 383.0 | 325.2 | 212.9 | (S) | 205.3 | 86.6 | 54.1 |
| 2841- | Soap and other detergents | 7 852.3 | 7 914.4 | 7 080.5 | 6 106.7 | 5 551.4 | 4 999.6 | 2 851.8 | 2 200.8 |
| 28411 | Soap and detergents, nonhousehold | 1 538.5 | 2 001.6 | 1 723.1 | 1 525.5 | 1 153.8 | 1 005.8 | 652.5 | 417.9 |
| 28412 | Household detergents | 4 349.3 | 4 299.7 | 3 934.3 | 3 323.3 | 3 137.8 | 2 817.2 | 1 633.9 | 1 329.7 |
| 28413 | Soaps, except specialty cleaners, household | 1 220.4 | 1 154.6 | 985.5 | 901.7 | 814.5 | 707.0 | 412.0 | 332.0 |
| 28414 | Glycerin, natural | 153.7 | 163.2 | 135.3 | 113.5 | 110.8 | 101.0 | 50.4 | 48.1 |
| 28410 | Soaps and other detergents, n.s.k. | 590.3 | 295.3 | 302.3 | 242.7 | (S) | 368.6 | 103.0 | 73.2 |
| 2842- | Polishes and sanitation goods | 4 047.1 | 3 633.5 | 3 358.9 | 3 111.5 | 3 028.9 | 2 668.5 | 1 724.2 | 1 116.9 |
| 28422 | Household bleaches | 528.4 | 419.6 | 388.9 | 368.1 | 377.9 | 353.8 | 235.5 | 169.5 |
| 28423 | Specialty cleaning and sanitation products | 2 327.8 | 2 172.3 | 2 089.4 | 1 879.9 | 1 625.3 | 1 478.2 | 887.3 | 528.0 |
| 28424 | Polishing preparations and related products | 648.0 | 696.2 | 585.8 | 546.9 | 545.8 | 505.7 | 391.8 | 324.5 |
| 28420 | Polishes and sanitation goods, n.s.k. | 542.9 | 345.4 | 294.8 | 316.7 | (S) | 330.8 | 209.6 | 94.9 |
| 28430 | Surface active agents, finishing agents, and assistants | 2 495.7 | 2 301.0 | 2 026.5 | 1 783.6 | 1 553.3 | 1 341.0 | 580.7 | 403.2 |
| 2844- | Toilet preparations | 10 437.1 | 9 247.5 | 8 258.8 | 7 509.5 | 6 792.4 | 6 393.5 | 4 247.1 | 2 794.2 |
| 28441 | Shaving preparations | 328.7 | 304.0 | 270.9 | 263.3 | 298.9 | 268.2 | 250.7 | 178.7 |
| 28442 | Perfumes, toilet water, and colognes | 1 634.1 | 1 650.8 | 1 468.4 | 1 438.4 | 1 249.7 | 1 096.8 | 677.0 | 394.9 |
| 28443 | Hair preparations, including shampoos | 2 430.0 | 2 123.2 | 2 002.7 | 1 718.9 | 1 466.5 | 1 474.9 | 1 065.1 | 771.6 |
| 28444 | Dentifrices, including mouthwashes, gargles, and rinses | 1 178.9 | 1 142.2 | 916.0 | 848.0 | 733.3 | 659.6 | 484.6 | 323.1 |
| 28445 | Other cosmetics and toilet preparations | 4 266.5 | 3 730.8 | 3 342.0 | 3 059.0 | 2 805.3 | 2 597.4 | 1 673.6 | 1 045.7 |
| 28440 | Toilet preparations, n.s.k. | 598.9 | 296.5 | 258.8 | 181.9 | (S) | 296.6 | 96.0 | 80.2 |
| 2851- | Paints and allied products | 8 506.5 | 8 591.2 | 7 681.8 | 7 402.8 | 6 670.9 | 6 123.0 | 3 520.2 | 2 703.8 |
| 28511 | Architectural coatings, including architectural lacquers | 3 076.3 | 3 065.6 | 2 795.7 | 2 633.0 | 2 369.3 | 2 234.0 | 1 306.6 | (NA) |
| 28512 | Product finishes for original equipment manufacturers | 2 491.8 | 2 616.0 | 2 296.3 | 2 250.6 | 2 111.8 | 1 957.2 | 1 052.7 | (NA) |
| 28513 | Special purpose coatings for transportation after market | 1 380.7 | 1 525.4 | 1 305.9 | 1 292.8 | 817.6 | 727.8 | 340.2 | (NA) |
| 28515 | Miscellaneous allied paint products | 801.6 | 998.8 | 940.8 | 894.0 | 761.4 | 672.9 | 488.6 | (NA) |
| 28510 | Paints and allied products, n.s.k. | 756.2 | 385.4 | 343.1 | 332.4 | (S) | 531.1 | 332.1 | 338.9 |
| 2861- | Gum and wood chemicals | 658.5 | 730.3 | 615.0 | 517.0 | 534.5 | 436.1 | 300.8 | 205.1 |
| 28611 | Softwood distillation products | 167.1 | 163.1 | 142.2 | 129.7 | 147.8 | 123.0 | 94.1 | 81.4 |
| 28612 | Other gum and wood chemicals | 481.6 | 560.5 | 475.3 | 378.3 | 366.0 | 289.0 | 197.0 | 111.6 |
| 28610 | Gum and wood chemicals, n.s.k. | 9.8 | 6.7 | (²²) | (S) | (S) | 24.1 | 9.7 | 12.2 |
| 2865- | Cyclic crudes and intermediates | 7 686.0 | 8 569.9 | 7 731.8 | 7 387.8 | 5 515.1 | 5 514.3 | 2 337.5 | 1 654.2 |
| 28651 | Cyclic intermediates | 5 943.0 | 6 662.2 | 6 038.2 | 5 761.8 | 4 102.2 | 4 130.4 | 1 538.0 | 1 066.1 |
| 28652 | Synthetic organic dyes | 700.2 | 801.1 | 749.4 | 766.9 | 690.4 | 722.1 | 473.6 | 325.6 |
| 28653 | Synthetic organic pigments, lakes, and toners | 535.3 | 577.5 | 502.6 | 558.3 | 454.0 | 414.5 | 224.7 | 162.2 |
| 28655 | Cyclic (coal tar) crudes | 452.8 | 495.0 | 422.7 | 288.1 | 251.4 | 204.9 | 80.9 | 87.6 |
| 28650 | Cyclic crudes and intermediates, n.s.k. | 54.7 | 34.1 | 18.9 | 12.8 | (S) | 42.4 | 20.3 | 12.7 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|--|-----------|-------------------|-------------------|-------------------|-------------------|----------|----------------------|----------------------|
| 2869- | Industrial organic chemicals, n.e.c. ----- | 26 714.5 | 31 489.6 | 27 163.0 | 25 082.7 | 21 214.4 | 19 377.6 | ²¹⁷ 510.1 | ²¹⁵ 539.4 |
| 28693 | Synthetic organic chemicals, n.e.c.----- | 1 873.1 | 2 309.0 | 2 388.1 | 2 351.6 | 1 762.5 | 1 600.5 | 723.0 | 585.6 |
| 28694 | Pesticides and other synthetic organic chemicals----- | 1 785.8 | 1 555.3 | 1 495.9 | 1 773.2 | 1 747.8 | 1 474.0 | 489.3 | 308.2 |
| 28695 | Ethyl alcohol and other industrial organic chemicals, n.e.c.----- | 1 137.4 | 1 003.6 | 822.0 | 785.4 | 686.0 | 645.9 | 280.3 | 239.4 |
| 28696 | Miscellaneous end-use chemicals and chemical products----- | 3 135.0 | 3 154.1 | 2 911.2 | 2 502.7 | 1 850.7 | 2 070.5 | 5 900.2 | 4 367.2 |
| 28697 | Miscellaneous cyclic and acyclic chemicals----- | 18 499.9 | 23 238.7 | 19 401.8 | 17 574.7 | 14 915.0 | 13 424.7 | | |
| 28690 | Industrial organic chemicals, n.e.c., n.s.k.----- | 283.3 | 228.9 | 144.0 | 95.1 | (S) | 162.1 | 117.3 | 38.7 |
| 2873- | Nitrogenous fertilizers----- | 3 398.6 | 4 036.0 | 3 800.0 | 2 961.3 | 2 779.9 | 2 811.5 | 937.3 | (NA) |
| 28731 | Synthetic ammonia, nitric acid, and ammonium compounds----- | 2 745.6 | 3 156.4 | 2 980.1 | 2 346.7 | 2 221.0 | 2 300.8 | 766.2 | 827.3 |
| 28732 | Urea----- | 540.7 | 801.6 | 763.4 | 559.6 | 484.1 | 447.6 | 160.4 | (NA) |
| 28733 | Fertilizer materials of organic origin----- | 30.0 | 22.1 | 21.7 | 19.6 | (S) | 29.5 | (S) | 10.0 |
| 28730 | Nitrogenous fertilizers, n.s.k.----- | 82.3 | 55.9 | 34.8 | 35.4 | 35.3 | 33.6 | (D) | (NA) |
| 2874- | Phosphatic fertilizers----- | 3 742.0 | 3 977.5 | 4 318.9 | 3 417.3 | 2 831.6 | 2 552.6 | 1 052.5 | (NA) |
| 28741 | Phosphoric acid----- | 1 028.9 | 1 057.7 | 1 042.4 | 741.3 | 558.1 | 510.2 | 177.5 | (NA) |
| 28742 | Superphosphate, other phosphatic fertilizer materials----- | 1 997.6 | 2 377.5 | 2 704.3 | 2 212.8 | 1 884.3 | 1 609.1 | 420.7 | 542.0 |
| 28744 | Mixed fertilizers produced from one or more materials made in same plant (also see code 28750)----- | 708.6 | 527.5 | 559.0 | 458.7 | 384.0 | 429.3 | 443.0 | 426.0 |
| 28740 | Phosphatic fertilizers, n.s.k.----- | 6.8 | 14.8 | 13.2 | 4.4 | (S) | 3.9 | 11.3 | 4.9 |
| 28750 | Mixed fertilizers made by plants which do not manufacture fertilizer materials (also see code 28744)----- | 1 528.9 | 1 883.2 | 1 862.5 | 1 606.6 | 1 319.9 | 1 480.9 | 651.9 | 588.2 |
| 2879- | Agricultural chemicals, n.e.c. ----- | 4 794.0 | 5 234.5 | 4 687.8 | 3 839.7 | 3 264.7 | 2 704.0 | 1 196.2 | 964.2 |
| 28795 | Insecticidal preparations for agricultural, garden, and health service use----- | 966.2 | 1 009.2 | 1 678.1 | 1 216.7 | 1 005.0 | 828.2 | 387.6 | (NA) |
| 28796 | Herbicidal preparations for agricultural, garden, and health service use----- | 2 641.7 | 2 207.2 | 2 012.5 | 1 789.5 | 1 564.4 | 1 177.1 | 432.0 | (NA) |
| 28797 | Fungicidal preparations for agricultural, garden, and health service use----- | 348.6 | 294.3 | 286.4 | 235.8 | 224.5 | 196.9 | 85.6 | (NA) |
| 28798 | Other pesticidal preparations primarily for agricultural, garden, and health service use----- | 192.8 | 241.9 | 244.5 | 208.9 | 145.6 | 119.9 | | |
| 28799 | Household pesticidal preparations, including industrial exterminants----- | 468.2 | 449.3 | 356.1 | 303.0 | 220.2 | 227.8 | 184.2 | 129.9 |
| 28790 | Agricultural chemicals, n.s.k.----- | 176.4 | 132.6 | 110.2 | 85.8 | (S) | 154.1 | 106.8 | (NA) |
| 2891- | Adhesives and sealants----- | 2 903.0 | 2 745.0 | 2 425.8 | 2 366.3 | 2 075.2 | 1 873.1 | 954.3 | 547.7 |
| 28913 | Natural base glues and adhesives----- | 177.5 | 262.6 | 245.7 | 233.5 | 200.9 | 166.4 | 119.5 | 98.4 |
| 28914 | Synthetic resin and rubber adhesives----- | 1 833.8 | 1 666.9 | 1 545.0 | 1 505.9 | 1 366.9 | 1 221.8 | 671.8 | 356.6 |
| 28915 | Caulking compounds and sealants----- | 602.8 | 635.1 | 568.0 | 496.8 | 411.3 | 364.4 | 121.2 | 68.3 |
| 28910 | Adhesives and sealants, n.s.k.----- | 288.9 | (S) | 67.1 | (S) | (S) | 120.5 | 41.7 | 24.4 |
| 28920 | Explosives----- | 587.6 | 658.8 | 654.9 | 591.6 | 456.4 | 435.5 | 237.6 | 248.5 |
| 2893- | Printing ink----- | 1 518.7 | 1 376.3 | 1 235.4 | 1 099.7 | 990.0 | 904.0 | 498.0 | 342.6 |
| 28931 | Letterpress inks (black and color)----- | 128.0 | 148.5 | 131.3 | 122.2 | 131.0 | 105.9 | 109.8 | 342.6 |
| 28932 | Lithographic and offset inks (black and color)----- | 536.4 | 495.4 | 449.1 | 400.7 | 336.3 | 303.2 | 151.8 | |
| 28933 | Gravure inks----- | 325.8 | 307.8 | 272.1 | 226.3 | 181.4 | 190.7 | 82.5 | |
| 28934 | Flexographic inks----- | 241.7 | 229.8 | 215.4 | 197.4 | 194.9 | 157.1 | 73.4 | |
| 28935 | Printing inks, n.e.c.----- | 143.8 | 136.3 | 118.0 | 102.5 | 72.8 | 60.6 | 35.2 | |
| 28930 | Printing ink, n.s.k.----- | 143.1 | 58.5 | 49.5 | 50.7 | 73.8 | 86.5 | 45.4 | |
| 28950 | Carbon black (channel and furnace process only)----- | 652.7 | 728.4 | 504.7 | 551.0 | 487.9 | 466.2 | 227.1 | 167.8 |
| 2899- | Chemical preparations, n.e.c. ----- | 6 101.0 | 6 142.5 | 5 695.9 | 5 156.6 | 4 927.2 | 4 243.8 | 2 228.3 | 1 559.6 |
| 28991 | Salt----- | 419.8 | 366.5 | 331.0 | 298.2 | 273.6 | 246.2 | 133.9 | 111.6 |
| 28992 | Fatty acids (produced for sale as such)----- | 350.8 | 386.0 | 448.8 | 457.2 | 412.8 | 353.2 | 155.3 | 111.1 |
| 28994 | Gelatin, except ready-to-eat desserts----- | 242.3 | 152.7 | 156.2 | 161.2 | 155.7 | 175.3 | 68.2 | 66.2 |
| 28995 | Essential oils, fireworks, and chemical preparations, n.e.c.----- | 4 437.4 | 4 804.0 | 4 336.5 | 3 976.7 | 3 580.6 | 3 109.0 | 1 641.0 | 1 146.1 |
| 28990 | Chemical preparations, n.e.c., n.s.k.----- | 650.7 | 433.3 | 423.5 | 263.3 | (S) | 360.1 | 228.8 | 124.6 |
| 2911- | Petroleum refining----- | 191 374.7 | 207 554.8 | 182 099.6 | 133 359.3 | 93 745.3 | 88 589.5 | 24 772.8 | 19 248.7 |
| 29111 | Gasoline, including finished base stocks and blending agents----- | 95 114.7 | 101 940.1 | 90 516.3 | 62 740.9 | 45 529.1 | 41 840.4 | 13 029.6 | 9 844.4 |
| 29112 | Jet fuel----- | 14 862.4 | 14 802.4 | 13 152.1 | 8 383.2 | 5 719.5 | 5 358.9 | 1 371.6 | 1 100.2 |
| 29113 | Kerosene----- | 1 886.6 | 1 704.3 | 1 482.9 | 1 305.8 | 797.4 | 892.9 | 372.4 | 430.5 |
| 29114 | Light fuel oils----- | 37 302.6 | 37 435.6 | 32 241.4 | 25 631.9 | 17 663.8 | 17 509.4 | 4 407.7 | 3 305.7 |
| 29115 | Heavy fuel oil----- | 11 390.6 | 14 228.3 | 12 010.7 | 9 038.5 | 6 599.9 | 6 793.9 | 1 107.2 | 566.1 |
| 29117 | Lubricating oils and greases made in refineries----- | 2 891.4 | 3 841.4 | 3 338.9 | 2 624.5 | 1 846.8 | 1 718.9 | 894.8 | 883.7 |
| 29118 | Unfinished oils and lubricating oil base stock----- | 8 065.9 | 6 992.3 | 7 198.9 | 5 311.8 | 3 133.4 | 2 887.8 | 733.7 | 613.2 |
| 29119 | Asphalt----- | 2 980.3 | 3 317.2 | 3 139.6 | 2 625.5 | 2 131.4 | 2 216.7 | 671.5 | 424.2 |
| 2911A | Liquefied refinery gases, including other aliphatics, made in a refinery----- | 4 454.7 | 11 555.3 | 9 682.0 | 7 859.9 | 4 822.7 | 4 500.8 | 1 152.9 | 1 135.7 |
| 2911B | Liquefied refinery gases, including other aliphatics, not made in a refinery----- | 3 941.4 | | | | | | | |
| 2911C | Aromatics made from purchased refinery products----- | 1 353.7 | | | | | | | |
| 2911D | Other finished petroleum products (including waxes)----- | 5 609.3 | 11 737.9 | 9 336.8 | 7 837.3 | 5 501.2 | 4 869.8 | 1 031.4 | 944.9 |
| 29110 | Petroleum refining products, n.s.k.----- | 1 521.2 | | | | | | | |
| 29510 | Paving mixtures and blocks----- | 2 881.0 | 2 278.4 | 2 312.8 | 1 963.3 | 1 931.0 | 1 518.6 | 893.4 | 529.6 |
| 2952- | Asphalt felts and coatings----- | 2 633.2 | 2 763.5 | 2 731.2 | 2 698.8 | 2 386.8 | 1 828.6 | 902.2 | 519.4 |
| 29521 | Asphalt and tar saturated felts and boards for nonbuilding use----- | 64.4 | 86.2 | 87.7 | 119.9 | 122.7 | 99.5 | 34.2 | 27.5 |
| 29522 | Roofing asphalts and pitches, coatings, and cements----- | 466.8 | 777.7 | 759.4 | 666.3 | 427.5 | 263.4 | 155.3 | 101.4 |
| 29523 | Prepared asphalt and tar roofing and siding products----- | 2 030.8 | 1 851.2 | 1 847.2 | 1 881.7 | 1 778.2 | 1 405.3 | 690.6 | 375.2 |
| 29520 | Asphalt felts and coatings, n.s.k.----- | 71.2 | 48.4 | 36.9 | 30.9 | (S) | 60.5 | 22.1 | 15.3 |
| 29920 | Lubricating oils and greases not made in a refinery----- | 2 718.3 | 2 896.9 | 2 529.5 | 2 271.1 | 1 786.9 | 1 514.0 | 642.0 | 443.4 |
| 29990 | Petroleum and coal products, n.e.c. ----- | 700.3 | 889.1 | 739.9 | 594.8 | 499.4 | 494.6 | 139.2 | 79.6 |
| 3011- | Tires and inner tubes----- | 9 047.3 | 9 576.4 | 8 373.2 | 8 959.3 | 8 323.3 | 8 127.6 | 4 898.4 | 3 133.5 |
| 30111 | Passenger car pneumatic tires (casings)----- | 5 068.4 | 4 652.8 | 3 998.2 | 4 467.2 | 4 495.9 | 4 571.1 | 2 860.0 | 1 713.6 |
| 30112 | Truck and bus pneumatic tires----- | 2 592.7 | 3 229.0 | 2 828.0 | 2 970.5 | 2 529.3 | 2 276.6 | 1 282.1 | 829.4 |
| 30117 | Tractor and implement pneumatic tires----- | 243.1 | 1 677.9 | 1 535.1 | 1 511.6 | 1 276.8 | 1 259.7 | 744.8 | 585.6 |
| 30118 | Industrial and utility pneumatic tires----- | 186.3 | | | | | | | |
| 30119 | Other pneumatic tires----- | 123.3 | | | | | | | |
| 3011A | Solid and semipneumatic tires----- | 127.6 | | | | | | | |
| 3011B | Truck and bus inner tubes----- | 90.5 | | | | | | | |
| 3011C | All other inner tubes----- | 94.6 | | | | | | | |
| 3011D | Tread rubber, tire sundries, and repair materials----- | 501.4 | | | | | | | |
| 30110 | Tires and inner tubes, n.s.k.----- | 19.3 | 16.7 | 11.9 | 10.0 | (S) | 20.2 | 11.5 | 4.9 |
| 3021- | Rubber and plastics footwear----- | 662.6 | 560.7 | 502.5 | 478.4 | 432.1 | 404.8 | 493.9 | 402.0 |
| 30214 | Protective footwear----- | 121.8 | 560.7 | 502.5 | 478.4 | 432.1 | 404.8 | 493.9 | 402.0 |
| 30215 | Shoes with soles vulcanized, molded, or cemented to fabric upper----- | 536.1 | | | | | | | |
| 30210 | Rubber and plastics footwear, n.s.k.----- | 4.7 | | | | | | | |
| 30310 | Reclaimed rubber----- | 59.8 | 41.8 | 35.6 | 39.7 | 52.0 | 61.5 | 52.0 | 47.3 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|--|----------|-------------------|-------------------|-------------------|-------------------|----------|----------|---------|
| 3041- | Rubber and plastics hose and belting | 1 699.3 | 1 859.7 | 1 659.3 | 1 862.6 | 1 632.9 | 1 541.4 | 886.0 | 672.1 |
| 30411 | Rubber and plastics belts and belting, flat | 291.2 | 316.3 | 296.8 | 317.2 | 269.0 | 260.9 | 157.6 | 101.5 |
| 30412 | Rubber and plastics transmission belts and belting, other than flat | 391.7 | 420.4 | 410.2 | 434.5 | 382.7 | 348.4 | 204.0 | 149.1 |
| 30413 | Rubber hose, mandrel made and all hydraulic | 310.3 | 379.8 | 285.8 | 346.5 | 273.2 | 253.4 | 143.5 | 114.6 |
| 30414 | Rubber hose, long length nonhydraulic | 169.4 | 229.5 | 174.0 | 230.6 | 195.2 | 164.9 | 84.8 | 52.3 |
| 30415 | Rubber and plastics garden hose | 110.4 | 122.6 | 110.4 | 103.8 | 100.1 | 113.3 | 56.3 | 41.1 |
| 30416 | All other rubber and plastics hose, n.e.c. | 410.4 | 383.7 | 374.8 | 418.9 | 405.5 | 387.4 | 237.0 | 213.4 |
| 30410 | Rubber and plastics hose and belting, n.s.k. | 15.9 | 7.5 | 7.4 | 11.0 | (S) | 13.1 | 2.8 | (NA) |
| 3069- | Fabricated rubber products, n.e.c. | 5 854.8 | 6 012.8 | 5 237.9 | 5 101.9 | 4 600.9 | 4 223.2 | 2 538.7 | (NA) |
| 30693 | Sponge, expanded and foam rubber products | 449.8 | 652.6 | 661.4 | 667.6 | 631.0 | 584.3 | 350.1 | 276.7 |
| 30694 | Rubber floor and wall coverings | 236.4 | 266.1 | 231.4 | 243.3 | 207.6 | 170.6 | 98.4 | 70.7 |
| 30696 | Shoe products, rubber, elastomer resin | 265.0 | 334.9 | 289.4 | 255.8 | 227.0 | 225.1 | 154.5 | 126.1 |
| 30697 | Rubber druggist and medical sundries | 454.2 | 414.8 | 356.9 | 328.2 | 285.7 | 232.0 | 116.8 | 84.1 |
| 30699 | Rubber compounds or mixtures | 594.1 | 360.5 | 295.2 | 321.7 | 274.6 | 246.1 | (NA) | (NA) |
| 3069A | Molded rubber mechanical goods | 1 571.2 | 1 809.8 | 1 551.8 | 1 651.9 | 1 444.2 | 1 305.9 | (NA) | (NA) |
| 3069B | Extruded and lathe cut mechanical rubber goods | 455.0 | 402.2 | 384.0 | 395.0 | 310.0 | 259.8 | (NA) | (NA) |
| 3069C | Industrial rubber products, n.e.c. | 582.2 | 518.8 | 417.2 | 355.0 | 314.7 | 262.0 | (NA) | (NA) |
| 3069D | Rubber coated fabrics and rubber clothing | 362.0 | 280.2 | 226.4 | 172.1 | 167.8 | 178.6 | (NA) | (NA) |
| 3069E | Other rubber goods | 581.6 | 743.0 | 655.8 | 564.3 | 510.6 | 455.9 | (NA) | (NA) |
| 30690 | Fabricated rubber products, n.e.c., n.s.k. | 303.2 | 229.8 | 168.4 | 146.9 | 227.7 | 302.9 | 140.7 | 102.1 |
| 3079- | Miscellaneous plastics products | 37 557.9 | 34 152.2 | 30 271.4 | 29 347.9 | 27 162.1 | 23 878.7 | 11 094.5 | (NA) |
| 30792 | Plastics film and sheet, unsupported | 6 026.8 | | | | | | | |
| 30794 | Plastics piping | 1 406.7 | | | | | | | |
| 30795 | Plastics bottles | 1 921.4 | | | | | | | |
| 30797 | Plastics foam products | 4 357.9 | 30 461.2 | 27 305.9 | 26 348.2 | 23 938.9 | 20 921.2 | 8 750.7 | (NA) |
| 3079J | Molded plastics products, n.e.c. | 11 339.6 | | | | | | | |
| 3079K | Miscellaneous plastics products | 7 949.9 | | | | | | | |
| 30790 | Miscellaneous plastics products, n.s.k. | 4 555.7 | 3 691.0 | 2 965.5 | 2 999.7 | (S) | 2 957.5 | 2 343.8 | (NA) |
| 3111- | Leather tanning and finishing | 1 706.2 | 1 903.4 | 1 758.3 | 1 765.9 | 1 520.3 | 1 380.1 | 1 026.4 | 846.2 |
| 31116 | Finished and unfinished leather ²³ | 1 400.2 | 1 653.3 | 1 577.8 | 1 573.5 | 1 328.6 | 1 202.7 | 873.6 | 698.0 |
| 31119 | Commission tanning or finishing leather | 231.9 | 164.7 | 132.7 | 127.4 | 131.1 | 109.4 | 87.0 | 113.1 |
| 31110 | Tanned and finished leather, n.s.k. | 74.2 | 85.4 | 47.7 | 65.0 | (S) | 68.0 | 65.8 | 35.1 |
| 31310 | Footwear cut stock | 346.8 | 424.9 | 361.0 | 301.6 | 284.7 | 255.1 | 196.1 | 254.3 |
| 31420 | House slippers | 265.3 | 268.1 | 322.5 | 258.4 | 212.8 | 190.2 | 159.4 | 162.3 |
| 3143- | Men's footwear, except athletic | 1 971.2 | 2 156.3 | 1 879.9 | 1 748.9 | 1 664.8 | 1 592.1 | 1 181.3 | 669.4 |
| 31433 | Men's work shoes and boots | 565.5 | 545.3 | 494.9 | 490.9 | 466.8 | 421.7 | 309.5 | 315.0 |
| 31434 | Men's dress and casual boots, except work | 446.1 | 558.0 | 444.1 | 350.5 | 332.0 | 271.0 | 154.1 | (NA) |
| 31435 | Men's dress and casual shoes, except athletic | 940.0 | 1 038.8 | 923.0 | 893.0 | 857.1 | 872.5 | 714.0 | (NA) |
| 31430 | Men's footwear, except athletic, n.s.k. | 19.6 | 14.1 | 17.9 | 14.4 | (S) | 26.9 | 3.7 | (NA) |
| 3144- | Women's footwear, except athletic | 1 994.1 | 1 995.0 | 1 828.7 | 1 617.2 | 1 494.3 | 1 386.8 | 1 348.3 | 1 249.0 |
| 31445 | Women's boots | 219.2 | 269.6 | 185.0 | 232.5 | 216.3 | 232.2 | 102.6 | (NA) |
| 31446 | Women's sandals | 225.9 | 242.9 | 204.1 | 185.0 | 134.1 | 102.8 | (NA) | (NA) |
| 31447 | Women's shoes, casual, except sandals | 860.8 | 797.0 | 726.3 | 550.7 | 540.6 | 524.6 | (NA) | (NA) |
| 31448 | Women's dress shoes | 649.0 | 657.1 | 671.9 | 637.5 | 573.4 | 480.6 | (NA) | (NA) |
| 31440 | Women's footwear, except athletic, n.s.k. | 39.2 | 28.5 | 41.4 | 11.5 | (S) | 46.6 | 48.4 | - |
| 3149- | Footwear, except rubber, n.e.c. | 721.7 | 801.9 | 782.6 | 636.7 | 631.6 | 568.0 | 475.7 | (NA) |
| 31491 | Youths' and boys' shoes | 89.2 | 112.0 | 117.8 | 98.4 | 106.3 | 98.3 | 103.8 | 100.1 |
| 31493 | Infants' and babies' shoes | 121.1 | 143.6 | 131.4 | 98.7 | 119.2 | 80.9 | 78.8 | 69.6 |
| 31495 | Misses' shoes | 77.3 | 95.5 | 80.1 | 88.5 | 74.0 | 90.9 | | |
| 31496 | Children's shoes | 137.3 | 126.5 | 115.1 | 103.0 | 95.7 | 114.0 | 199.3 | 186.7 |
| 31497 | All other footwear, except rubber and slippers | 257.2 | 290.8 | 289.3 | 246.5 | 211.1 | 151.3 | 86.7 | 40.4 |
| 31490 | Footwear, except rubber, n.e.c., n.s.k. | 39.7 | 33.5 | 48.8 | (S) | (S) | 32.6 | 7.1 | (NA) |
| 31510 | Dress and work gloves and mittens, all leather | 138.7 | 157.8 | 146.7 | 151.7 | 139.7 | 121.9 | 79.9 | 73.3 |
| 31610 | Suitcases, briefcases, bags, and musical instrument cases | 647.3 | 740.2 | 808.1 | 728.7 | 622.3 | 585.3 | 321.9 | 320.1 |
| 31710 | Women's and children's handbags and purses | 524.9 | 542.0 | 501.0 | 491.3 | 531.5 | 436.2 | 344.4 | 312.1 |
| 31720 | Personal leather goods, except handbags and purses | 393.1 | 441.6 | 426.4 | 407.0 | 413.8 | 369.2 | 231.8 | 178.9 |
| 31990 | Saddlery, harnesses and whips, and other leather products, n.e.c. | 305.1 | 343.8 | 269.2 | 272.4 | 256.8 | 237.4 | 146.1 | 109.0 |
| 3211- | Flat glass ²⁴ | 1 998.4 | 2 046.6 | 1 931.4 | 2 058.1 | 2 096.8 | 1 817.6 | 1 247.1 | 810.9 |
| 32113 | Laminated glass ²⁴ | 697.2 | 665.8 | 646.6 | 759.3 | 858.7 | 707.2 | 534.4 | 361.7 |
| 32114 | Other flat glass, n.e.c., made from produced glass (also see codes 32317 and 32318) | 424.6 | 369.6 | 352.8 | 434.5 | 394.8 | 360.6 | 193.6 | 130.2 |
| 32115 | Flat glass | 869.9 | 975.8 | 908.8 | 849.3 | 824.8 | 742.8 | 519.1 | 316.5 |
| 32110 | Flat glass, n.s.k. | 6.6 | 35.4 | 23.1 | 15.0 | 18.5 | 7.0 | - | 2.6 |
| 32210 | Glass containers | 5 143.8 | 4 881.8 | 4 486.3 | 4 192.2 | 4 000.6 | 3 618.0 | 2 085.2 | 1 331.0 |
| 3229- | Pressed and blown glass, n.e.c. | 2 677.0 | 3 226.8 | 2 847.5 | 2 680.0 | 2 384.7 | 2 100.7 | 1 262.4 | 880.4 |
| 32291 | Table, kitchen, art, and novelty glassware, made from produced glass (also see code 32317) | 813.0 | 1 042.6 | 929.2 | 848.4 | 812.8 | 743.0 | 432.9 | 266.9 |
| 32292 | Lighting and electronic glassware, made from produced glass (also see code 32317) | 700.0 | 795.0 | 720.7 | 614.7 | 587.3 | 526.8 | 394.6 | 328.9 |
| 32293 | Glass fiber | 768.2 | 798.9 | 681.0 | 748.6 | 628.1 | 514.0 | 253.5 | 138.1 |
| 32294 | Other pressed and blown glassware, made from produced glass (also see code 32317) | 356.4 | 522.0 | 466.1 | 430.1 | 292.9 | 266.9 | 166.6 | 137.5 |
| 32290 | Pressed and blown glass, n.e.c., n.s.k. | 39.4 | 68.2 | 50.0 | 38.1 | (S) | 50.0 | 14.8 | 9.0 |
| 3231- | Products of purchased glass²⁵ | 2 544.6 | 2 610.0 | 2 316.9 | 2 076.9 | 2 043.3 | 1 643.3 | 977.1 | 567.7 |
| 32317 | Pressed and blown glassware, made from purchased glass (also see codes 32291 and 32292) | 713.8 | 499.4 | 457.6 | 397.4 | 375.0 | 298.1 | 625.8 | 352.1 |
| 32318 | Other glass products, made from purchased glass | 1 189.2 | 1 299.9 | 1 136.4 | 974.5 | 960.8 | 758.1 | | |
| 32315 | Mirrors | 480.1 | 530.2 | 504.5 | 514.2 | 531.6 | 409.4 | 254.5 | 160.0 |
| 32310 | Products of purchased glass, n.s.k. | 161.5 | 280.5 | 218.4 | 190.9 | (S) | 177.6 | 96.8 | 55.3 |
| 32410 | Cement, hydraulic | 3 474.4 | 3 696.5 | 3 880.5 | 3 981.1 | 3 524.6 | 2 971.0 | 1 770.0 | 1 221.7 |
| 32510 | Brick and structural clay tile | 624.4 | 666.1 | 746.9 | 853.0 | 804.3 | 715.3 | 471.3 | 343.9 |
| 32530 | Clay floor and wall tile | 366.6 | 409.0 | 346.2 | 315.5 | 268.0 | 222.4 | 157.9 | 134.8 |
| 32550 | Clay refractories | 628.7 | 774.8 | 671.1 | 734.1 | 625.8 | 540.1 | 302.2 | 235.3 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|---|----------|-------------------|-------------------|-------------------|-------------------|----------|----------|----------|
| 3259- | Structural clay products, n.e.c. ----- | 124.8 | 131.5 | 162.5 | 190.2 | 210.8 | 204.3 | 169.3 | 137.1 |
| 32591 | Vitrified clay sewer pipe and fittings----- | 66.5 | 90.6 | 113.4 | 129.3 | 120.5 | 133.6 | 134.7 | 93.0 |
| 32592 | Other structural clay products, n.e.c.----- | 52.9 | 33.4 | 40.3 | 51.4 | 79.6 | 63.0 | 28.8 | 39.7 |
| 32590 | Structural clay products, n.e.c., n.s.k.----- | 5.4 | 7.5 | 8.9 | 9.6 | (S) | 7.7 | 5.8 | 4.4 |
| 32610 | Vitreous and semivitreous plumbing fixtures, accessories, and fittings ----- | 419.8 | 481.4 | 466.0 | 464.7 | 426.3 | 367.8 | 248.3 | 148.9 |
| 32620 | Vitreous china and porcelain table and kitchen articles ----- | 204.8 | 227.7 | 218.2 | 172.4 | 160.7 | 140.9 | 82.0 | 69.6 |
| 32630 | Earthenware table and kitchen articles ----- | 91.3 | 76.1 | 70.6 | 69.5 | 89.5 | 90.8 | 58.1 | 46.7 |
| 32640 | Porcelain, steatite, and other ceramic electrical products ----- | 505.8 | 533.0 | 561.3 | 512.5 | 433.2 | 378.9 | 259.0 | 188.6 |
| 32690 | Pottery products, n.e.c. ----- | 450.3 | 400.5 | 380.4 | 408.1 | 284.9 | 240.8 | 146.9 | 96.0 |
| 32710 | Concrete block and brick ----- | 1 173.2 | 1 140.4 | 1 281.4 | 1 249.1 | 1 257.1 | 1 005.1 | 795.7 | 502.1 |
| 3272- | Concrete products, n.e.c. ----- | 3 503.3 | 3 708.7 | 3 653.4 | 3 476.1 | 3 139.1 | 2 596.1 | 1 864.7 | 1 147.5 |
| 32721 | Concrete pipe----- | 919.0 | 988.2 | 1 012.6 | 990.4 | 1 013.3 | 843.8 | 565.3 | 400.5 |
| 32722 | Precast concrete products----- | 1 349.6 | 1 433.9 | 1 426.3 | 1 336.2 | 948.0 | 772.6 | 536.8 | 341.5 |
| 32723 | Prestressed concrete products----- | 741.9 | 795.1 | 795.2 | 690.7 | 506.7 | 423.6 | 414.1 | 217.7 |
| 32720 | Concrete products, n.e.c., n.s.k.----- | 492.8 | 491.5 | 419.3 | 458.9 | (S) | 556.1 | 348.5 | 187.8 |
| 32730 | Ready-mixed concrete ----- | 7 544.9 | 8 249.4 | 7 964.7 | 7 991.6 | 6 903.4 | 5 679.9 | 3 578.8 | 2 330.5 |
| 32740 | Lime (including cost of shipping containers) ----- | 517.8 | 634.3 | 609.1 | 642.8 | 581.8 | 473.5 | 231.4 | 163.5 |
| 3275- | Gypsum products ----- | 1 178.2 | 1 246.5 | 1 293.7 | 1 500.9 | 1 321.6 | 932.1 | 583.1 | 362.4 |
| 32751 | Gypsum building materials----- | 1 076.5 | 1 163.2 | 1 220.2 | 1 402.3 | 1 233.7 | 864.9 | 538.4 | 339.1 |
| 32752 | Other gypsum products----- | 85.8 | 58.8 | 53.5 | 73.2 | (S) | 54.0 | 40.4 | 19.4 |
| 32750 | Gypsum products, n.s.k.----- | 15.9 | 24.6 | 19.9 | 25.4 | 23.6 | 13.3 | 4.3 | 3.9 |
| 3281- | Cut stone and stone products ----- | 526.2 | 507.9 | 486.6 | 429.1 | 464.1 | 385.5 | 286.8 | 211.4 |
| 32811 | Dressed dimension granite----- | 286.0 | 251.4 | 243.7 | 197.8 | (S) | 164.4 | 123.3 | 75.9 |
| 32812 | Dressed dimension limestone----- | 42.9 | 69.7 | 68.4 | 58.8 | 90.3 | 53.3 | 27.9 | 27.3 |
| 32813 | Dressed dimension marble and other stone----- | 96.2 | 95.2 | 100.0 | 99.8 | (S) | 83.6 | 44.2 | 53.8 |
| 32810 | Dressed dimension stone and stone products, n.s.k.----- | 91.1 | 91.7 | 74.6 | 72.7 | (S) | 84.2 | 91.4 | 54.4 |
| 3291- | Abrasive products ----- | 2 135.7 | 2 539.6 | 2 319.7 | 2 339.9 | 2 056.0 | 1 721.8 | 892.3 | 734.2 |
| 32915 | Nonmetallic sized grains, powders, and flour abrasive----- | 409.7 | 1 160.8 | 1 084.7 | 1 111.0 | 918.1 | 797.9 | 449.6 | 410.3 |
| 32916 | Nonmetallic abrasive products----- | 610.8 | 1 083.2 | 968.9 | 875.2 | 779.9 | 627.8 | 293.9 | 225.4 |
| 32917 | Nonmetallic coated abrasive products----- | 843.1 | 201.2 | 194.0 | 234.4 | 186.8 | 176.8 | 107.4 | 75.0 |
| 32918 | Metal abrasives, including scouring pads----- | 173.9 | 94.4 | 72.1 | 119.3 | (S) | 119.2 | 41.4 | 23.5 |
| 32910 | Abrasive products, n.s.k.----- | 98.3 | | | | | | | |
| 3292- | Asbestos products ----- | 841.0 | 1 023.2 | 1 029.9 | 1 097.2 | 1 028.8 | 960.1 | 742.6 | (NA) |
| 32922 | Asbestos friction materials----- | 276.5 | 394.2 | 353.5 | 373.0 | 308.2 | 271.7 | 209.5 | 144.4 |
| 32928 | Asphalt and vinyl asbestos floor tile----- | 297.3 | 312.4 | 339.0 | 288.1 | 248.9 | 232.1 | (NA) | (NA) |
| 32929 | Asbestos textiles, asbestos insulation, and asbestos-cement products----- | 246.9 | 276.0 | 322.0 | 417.3 | 448.4 | 429.1 | (NA) | (NA) |
| 32920 | Asbestos products, n.s.k.----- | 20.3 | 40.6 | 15.4 | 18.8 | (S) | 27.0 | 5.3 | 3.6 |
| 3293- | Gaskets, packing, and sealing devices ----- | 1 663.7 | 1 835.9 | 1 654.7 | 1 629.7 | 1 444.9 | 1 254.8 | 714.7 | (NA) |
| 32934 | Compression packings----- | 99.8 | | | | | 42.0 | | |
| 32935 | Nonmetallic gaskets and gasketing----- | 469.4 | | | | | 380.4 | | |
| 32936 | Molded packings and seals----- | 403.5 | | | | | 375.8 | | |
| 32937 | Metallic gaskets and machined seals----- | 225.5 | 1 721.4 | 1 508.3 | 1 541.0 | 1 386.3 | 120.7 | (NA) | (NA) |
| 32938 | Axial mechanical face seals----- | 89.8 | | | | | 100.0 | | |
| 32939 | Rotary oil seals----- | 275.8 | | | | | 177.3 | | |
| 32930 | Gaskets, packing, and sealing devices, n.s.k.----- | 100.0 | 114.5 | 146.4 | 88.7 | (S) | 58.7 | 46.7 | (NA) |
| 32950 | Minerals and earths, ground or otherwise treated ----- | 1 252.9 | 1 343.2 | 1 249.5 | 1 210.0 | 1 178.2 | 911.0 | 391.5 | 270.7 |
| 3296- | Mineral wool ----- | 2 215.2 | 2 238.4 | 2 128.0 | 2 055.2 | 1 927.7 | 1 684.0 | 738.7 | 425.0 |
| 32963 | Mineral wool structural insulation made from produced fiber, made in same establishment----- | 1 193.0 | 1 131.1 | 1 105.7 | 1 064.8 | 1 049.0 | 907.9 | (NA) | (NA) |
| 32964 | Mineral wool industrial insulation made from produced fiber, made in same establishment----- | 545.7 | 621.3 | 563.9 | 537.5 | 452.1 | 457.0 | (NA) | (NA) |
| 32965 | Mineral wool structural insulation made from purchased fiber, not made in same establishment----- | 363.0 | 330.2 | 317.7 | 299.9 | 249.8 | 191.0 | (NA) | (NA) |
| 32966 | Mineral wool industrial insulation made from purchased fiber, not made in same establishment----- | 80.0 | 89.2 | 100.6 | 112.3 | (S) | 111.9 | (NA) | (NA) |
| 32960 | Mineral wool, n.s.k.----- | 33.4 | 66.7 | 40.2 | 40.9 | (S) | 16.0 | 8.2 | 12.9 |
| 32970 | Nonclay refractories, except dead-burned magnesia ----- | 715.8 | 1 082.7 | 1 084.9 | 982.1 | 934.1 | 734.0 | 372.1 | 302.6 |
| 32990 | Nonmetallic mineral products, n.e.c. ----- | 453.8 | 518.1 | 565.0 | 523.5 | 406.6 | 391.1 | 169.7 | 87.5 |
| 3312- | Blast furnaces and steel mills ----- | 35 456.8 | 53 854.1 | 47 386.2 | 52 457.5 | 46 025.3 | 39 368.0 | 22 210.5 | 18 102.3 |
| 33121 | Coke oven and blast furnace products----- | 1 873.1 | 3 140.8 | 2 869.1 | 3 491.1 | 3 251.6 | 3 032.2 | 1 497.3 | 1 257.4 |
| 33122 | Steel ingot and semifinished shapes and forms----- | 3 082.0 | 4 954.9 | 5 098.9 | 5 905.8 | 5 003.9 | 4 039.3 | 2 502.9 | 2 526.5 |
| 33123 | Hot rolled sheet and strip----- | 11 913.5 | 14 382.9 | 12 784.8 | 14 637.4 | 12 988.3 | 11 057.8 | 6 740.1 | 4 533.3 |
| 33124 | Hot rolled bars and bar shapes----- | 8 199.2 | 12 944.6 | 12 033.1 | 13 270.4 | 11 222.2 | 9 140.9 | 5 612.8 | 4 456.4 |
| 33125 | Steel wire, produced in steel mills (also see code 33155)----- | 392.4 | 625.6 | 586.6 | 746.6 | 665.2 | 606.3 | 397.6 | 377.6 |
| 33126 | Steel pipe and tubes, produced in steel mills (also see code 33176)----- | 3 561.7 | 7 638.5 | 5 058.4 | 4 081.9 | 3 726.6 | 3 000.4 | 1 501.0 | 1 554.1 |
| 33127 | Cold rolled steel sheet and strip, produced in steel mills (also see code 33167)----- | 5 162.6 | 7 862.6 | 6 700.3 | 8 326.9 | 7 441.1 | 6 953.9 | 3 134.1 | 2 607.0 |
| 33128 | Cold finished steel bars and bar shapes, produced in steel mills (also see code 33168)----- | 358.5 | 679.9 | 704.0 | 610.1 | 489.7 | 421.9 | 268.7 | 256.6 |
| 3312A | Seamless rolled ring ferrous forgings, produced in steel mills (also see code 34627)----- | (D) | 137.0 | 127.5 | 120.3 | 92.7 | 93.6 | (NA) | (NA) |
| 3312B | Open die or smith ferrous forgings, hammer or press, produced in steel mills (also see code 34628)----- | (D) | 470.4 | 403.2 | 410.8 | 374.0 | 288.9 | (NA) | (NA) |
| 3312C | Other steel mill products, except wire products----- | 395.6 | 833.4 | 882.6 | 781.6 | 573.0 | 561.1 | (NA) | (NA) |
| 33120 | Blast furnace and steel mill products, n.s.k.----- | 108.5 | 183.8 | 137.8 | 74.6 | (S) | 171.7 | (NA) | (NA) |
| 3313- | Electrometallurgical products ----- | 728.0 | 1 166.7 | 1 245.7 | 1 327.0 | 1 019.4 | 944.1 | 552.3 | 403.4 |
| 33131 | Ferromanganese----- | (D) | 147.9 | 188.0 | 197.2 | 155.2 | 159.1 | (NA) | (NA) |
| 33132 | Ferrosilicon----- | 75.1 | 130.5 | 159.7 | 180.0 | 130.2 | 163.5 | 116.6 | 104.5 |
| 33133 | Ferrosilicon----- | 243.0 | 445.6 | 415.5 | 462.6 | 394.5 | 327.4 | 180.8 | 102.9 |
| 33134 | Other ferroalloy products produced in electric furnaces----- | (D) | 455.6 | 496.2 | 466.1 | 332.9 | 290.2 | (NA) | (NA) |
| 33130 | Electrometallurgical products, n.s.k.----- | 43.3 | (22) | (22) | 21.1 | (S) | 3.9 | 2.5 | 1.9 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|--|----------------|-------------------|-------------------|-------------------|-------------------|----------------|----------------|----------------|
| 3315- | Steel wire and related products | 2 761.1 | 3 281.2 | 3 169.0 | 3 370.8 | 2 932.8 | 2 608.4 | 1 512.6 | 1 062.3 |
| 33151 | Noninsulated ferrous wire rope, cable, and strand, produced in wiredrawing plants (also see code 34961) | 522.0 | 600.6 | 585.4 | 549.3 | 429.3 | 439.1 | 270.2 | 164.2 |
| 33152 | Steel nails and spikes, produced in wiredrawing plants (also see code 34967) | 227.8 | 339.5 | 310.8 | 404.2 | 399.9 | 359.0 | 248.5 | 158.8 |
| 33155 | Steel wire, not produced in steel mills (also see code 33125) | 1 000.6 | 911.8 | 871.5 | 987.9 | 804.1 | 729.8 | 328.7 | 300.5 |
| 33156 | Fencing and fence gates, produced in wiredrawing plants (also see code 34966) | 301.6 | 322.6 | 342.4 | 353.6 | 327.7 | 280.3 | 172.1 | 75.8 |
| 33157 | Ferrous wire cloth and other ferrous woven wire products, produced in wiredrawing plants (also see code 34964) | 68.0 | 115.6 | 121.0 | 115.3 | 103.1 | 84.5 | 53.6 | 35.4 |
| 33159 | Other fabricated ferrous wire products, except springs, produced in wiredrawing plants (also see code 34968) | 547.2 | 873.4 | 840.7 | 884.0 | 722.0 | 639.5 | 390.0 | 294.4 |
| 33150 | Steel wire and related products, n.s.k. | 93.9 | 117.6 | 97.2 | 76.6 | (S) | 76.2 | 49.5 | 33.2 |
| 3316- | Cold finishing of steel shapes | 2 803.4 | 3 223.6 | 2 942.7 | 3 535.8 | 3 098.9 | 2 562.8 | 1 487.1 | 945.8 |
| 33167 | Cold rolled steel sheet and strip, not produced in steel mills (also see code 33127) | 1 815.3 | 1 952.4 | 1 747.9 | 2 143.7 | 1 927.7 | 1 628.5 | 903.8 | 554.9 |
| 33168 | Cold finished steel bars and bar shapes, not produced in steel mills (also see code 33128) | 905.8 | 1 186.8 | 1 119.9 | 1 330.6 | 1 142.3 | 909.2 | 558.9 | 372.6 |
| 33160 | Cold finishing of steel shapes, n.s.k. | 82.4 | 84.4 | 74.9 | 61.5 | (S) | 25.1 | 24.4 | 18.3 |
| 33170 | Steel pipe and tubes | 3 657.1 | 4 928.3 | 3 713.3 | 3 596.9 | 3 217.2 | 2 620.3 | 1 264.5 | 1 075.0 |
| 3321- | Gray iron castings | 6 287.7 | 8 572.9 | 7 839.2 | 9 150.4 | 8 843.6 | 7 835.2 | 4 033.8 | 2 740.4 |
| 33211 | Ductile iron pressure pipe and fittings | 541.6 | 583.4 | 543.5 | 572.1 | 587.2 | 497.6 | 605.4 | (NA) |
| 33212 | Other ductile iron castings | 1 113.7 | 1 232.2 | 1 153.7 | 1 394.5 | 1 285.6 | 1 125.6 | (NA) | (NA) |
| 33216 | Gray iron molds and stools for heavy steel ingots | 345.8 | 996.2 | 579.1 | 761.2 | 660.4 | 551.4 | 312.0 | (NA) |
| 33217 | Cast iron pressure pipe and fittings | 190.5 | 172.4 | 180.8 | 184.2 | 181.4 | 177.7 | 245.4 | (NA) |
| 33218 | Cast iron soil pipe and fittings, gray iron | 181.6 | 225.6 | 187.9 | 227.1 | 200.0 | 200.3 | 220.2 | 156.0 |
| 33219 | Other gray iron castings | 3 707.9 | 5 157.0 | 4 985.4 | 5 825.1 | 5 704.2 | 5 081.9 | 2 546.2 | (NA) |
| 33210 | Gray and ductile iron castings, n.s.k. | 206.6 | 206.1 | 208.8 | 186.2 | (S) | 200.8 | 104.6 | 117.5 |
| 3322- | Malleable iron castings | 370.8 | 507.7 | 494.2 | 707.9 | 679.9 | 669.5 | 484.8 | 417.2 |
| 33221 | Standard malleable castings | 208.0 | 305.8 | 316.1 | 461.3 | 450.6 | 453.0 | 345.8 | (NA) |
| 33222 | Pearlitic malleable castings | 150.6 | 185.5 | 165.7 | 237.0 | 218.3 | 208.7 | 129.3 | (NA) |
| 33220 | Malleable iron castings, n.s.k. | 12.2 | 16.4 | 12.4 | 9.7 | (S) | 7.8 | 9.7 | (NA) |
| 33240 | Steel investment castings | 963.6 | 951.0 | 899.4 | 748.0 | 512.4 | 434.1 | 237.7 | 167.6 |
| 3325- | Steel castings, n.e.c. | 2 009.7 | 3 002.2 | 3 147.1 | 3 005.7 | 2 534.9 | 2 205.8 | 1 050.3 | 1 042.1 |
| 33252 | Carbon steel castings, except investment | 982.0 | 1 621.8 | 1 815.6 | 1 744.9 | 1 445.9 | 1 250.9 | 543.7 | 619.0 |
| 33254 | High alloy steel castings, except investment | 496.0 | 702.0 | 671.9 | 611.0 | 486.7 | 367.0 | 127.7 | (NA) |
| 33255 | Other alloy steel castings, except investment | 465.1 | 608.7 | 607.3 | 615.8 | 497.5 | 521.0 | 346.5 | (NA) |
| 33250 | Steel castings, n.e.c., n.s.k. | 66.5 | 69.8 | 52.3 | 34.0 | (S) | 66.9 | 32.4 | 33.1 |
| 3361- | Aluminum castings | 2 810.8 | 3 325.9 | 3 134.6 | 3 159.9 | 2 613.5 | 2 294.2 | 1 172.3 | 885.4 |
| 33611 | Aluminum and aluminum-base alloy die castings | 1 414.5 | 1 764.4 | 1 650.0 | 1 653.2 | 1 302.1 | 1 086.8 | 532.6 | (NA) |
| 33612 | Other aluminum and aluminum-base castings | 1 256.4 | 1 389.9 | 1 266.9 | 1 349.5 | 1 143.5 | 1 055.0 | 509.7 | (NA) |
| 33610 | Aluminum foundries, n.s.k. | 140.0 | 171.6 | 217.7 | 157.2 | (S) | 152.5 | 130.0 | (NA) |
| 33620 | Copper and copper-base alloy castings | 714.7 | 888.1 | 879.0 | 862.0 | 689.9 | 615.6 | 462.9 | 432.3 |
| 3369- | Nonferrous castings, n.e.c. | 987.0 | 1 004.3 | 982.9 | 1 035.1 | 938.5 | 878.1 | 603.5 | 551.3 |
| 33691 | Zinc and zinc-base alloy castings | 563.1 | 571.5 | 556.4 | 657.9 | 605.8 | 609.9 | 401.6 | 323.3 |
| 33692 | Magnesium and magnesium-base alloy | 92.4 | 117.6 | 138.8 | 125.3 | (S) | 83.3 | 41.3 | 178.5 |
| 33693 | Other nonferrous castings | 259.1 | 247.5 | 243.5 | 213.5 | 163.2 | 138.8 | 94.7 | 49.5 |
| 33690 | Nonferrous castings, n.e.c., n.s.k. | 72.4 | 67.8 | 44.1 | 38.4 | (S) | 46.1 | 65.9 | 49.5 |
| 3331- | Primary copper | 2 978.3 | 4 344.3 | 4 205.9 | 3 437.9 | 3 515.1 | 3 254.6 | 2 336.2 | 1 018.5 |
| 33311 | Copper smelter products | 1 454.8 | 2 386.9 | 2 117.2 | 2 046.5 | 1 559.7 | 1 568.2 | 1 358.0 | 547.6 |
| 33312 | Refined primary copper | 1 522.5 | 1 949.8 | 2 088.2 | 1 390.8 | 1 955.3 | 1 687.9 | 977.9 | 453.6 |
| 33310 | Primary copper, n.s.k. | 1.0 | 7.6 | .4 | .6 | .1 | .5 | .3 | 17.3 |
| 3332- | Primary lead | 545.0 | 599.3 | 966.4 | 980.2 | 632.0 | 530.6 | (D) | (D) |
| 33321 | Lead smelter products | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 33323 | Refined primary lead | (D) | (D) | (D) | (D) | (D) | (D) | 203.5 | 123.3 |
| 33320 | Primary lead, n.s.k. | (D) | - | - | - | - | - | - | - |
| 3333- | Primary zinc | 280.2 | 413.9 | 382.3 | 491.0 | 366.0 | 366.3 | 337.3 | 285.5 |
| 33331 | Zinc residues and other zinc smelter products | 30.2 | 59.5 | 80.7 | 69.6 | 43.7 | 39.9 | 37.3 | 23.8 |
| 33334 | Refined primary zinc and zinc-base alloys | 249.9 | 350.6 | 301.6 | 417.5 | 322.3 | 326.4 | 300.0 | 261.7 |
| 33330 | Primary zinc, n.s.k. | - | 3.8 | - | 3.9 | - | - | - | - |
| 3334- | Primary aluminum | 4 500.6 | 6 127.9 | 6 419.7 | 5 475.5 | 4 855.7 | 4 291.4 | 1 754.5 | 1 535.5 |
| 33347 | Primary aluminum ingot, excluding billet | 4 007.0 | 5 412.9 | 5 623.2 | 4 760.1 | 4 206.3 | 3 721.5 | 1 513.8 | 1 324.1 |
| 33348 | Primary aluminum extrusion billet | 492.1 | 711.2 | 796.5 | 714.9 | 649.4 | 570.0 | 240.7 | 211.4 |
| 33340 | Primary aluminum, n.s.k. | 1.5 | 3.8 | - | .5 | - | - | - | - |
| 3339- | Primary nonferrous metals, n.e.c. | 1 830.5 | 2 821.6 | 3 366.2 | 2 381.5 | 1 634.1 | 1 431.9 | 662.7 | (NA) |
| 33395 | Refined precious metal and precious alloys | 921.3 | 1 221.4 | 1 838.3 | 1 259.8 | 576.6 | 464.8 | (NA) | (NA) |
| 33398 | Other primary nonferrous metal, n.e.c. | 761.5 | 1 544.6 | 1 527.9 | 1 092.8 | 1 030.2 | 940.0 | (NA) | (NA) |
| 33399 | Chromium and silicon (unalloyed) | 116.1 | - | - | - | - | - | - | - |
| 33390 | Primary nonferrous metals, n.e.c., n.s.k. | 31.6 | 55.6 | - | 28.9 | (S) | 27.1 | 13.2 | (NA) |
| 3341- | Secondary nonferrous metals | 4 385.9 | 4 711.3 | 5 538.1 | 4 461.8 | 3 533.6 | 3 194.9 | 1 873.7 | (NA) |
| 33412 | Secondary copper and copper-base alloys | 866.5 | 1 056.5 | 1 243.2 | 959.6 | 619.1 | 616.6 | 510.9 | 364.8 |
| 33413 | Secondary lead, lead and tin-base alloys | 589.9 | 862.6 | 1 015.9 | 975.8 | 677.1 | 680.3 | 257.6 | 235.6 |
| 33414 | Secondary zinc and zinc-base alloys | 204.3 | 239.5 | 188.0 | 162.3 | 136.9 | 144.7 | 109.6 | 53.6 |
| 33415 | Secondary precious metals and precious metal alloys | 1 156.6 | 629.9 | 876.4 | 538.2 | 384.6 | 315.6 | (NA) | (NA) |
| 33416 | Other secondary nonferrous metals and their alloys | 166.4 | 137.8 | 134.3 | 126.4 | (S) | 96.0 | (NA) | (NA) |
| 33417 | Secondary aluminum ingot, excluding billet | (D) | 1 350.6 | 1 590.8 | 1 430.3 | 1 148.3 | 978.3 | 341.0 | (NA) |
| 33418 | Secondary aluminum extrusion billet | (D) | 141.5 | 134.4 | 111.1 | 102.6 | 112.4 | 28.0 | (NA) |
| 33410 | Secondary aluminum, n.s.k. | 145.8 | 293.0 | 355.2 | 158.1 | (S) | 251.0 | 171.4 | 66.5 |
| 3351- | Copper rolling and drawing | 2 941.6 | 4 008.1 | 4 020.9 | 4 383.2 | 3 524.2 | 3 536.1 | 2 825.0 | 2 216.8 |
| 33511 | Copper and copper-base alloy wire | 348.4 | 248.3 | 280.4 | 280.4 | 215.4 | 170.7 | 157.9 | 95.6 |
| 33513 | Copper and copper-base alloy rod, bar, and shapes | 921.0 | 1 651.2 | 1 601.3 | 1 730.7 | 1 335.1 | 1 491.3 | 1 170.9 | (NA) |
| 33514 | Copper and copper-base alloy sheet, strip, and plate | 800.8 | 960.9 | 912.3 | 1 095.8 | 971.3 | 937.3 | 705.9 | (NA) |
| 33515 | Copper and copper-base alloy pipe and tube | 845.0 | 1 096.0 | 1 170.7 | 1 236.8 | 952.4 | 895.5 | 761.8 | (NA) |
| 33510 | Roller and drawn copper, n.s.k. | 28.3 | 51.7 | 56.1 | 59.5 | (S) | 41.3 | 28.5 | 16.1 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|---|----------|-------------------|-------------------|-------------------|-------------------|---------|---------|---------|
| 3353- | Aluminum sheet, plate, and foil | 6 519.7 | 7 761.7 | 7 265.9 | 7 254.9 | 6 691.1 | 5 358.8 | 2 238.0 | (NA) |
| 33531 | Aluminum plate | 378.6 | 538.6 | 637.8 | 444.4 | 302.3 | 247.3 | 89.5 | (NA) |
| 33532 | Aluminum sheet and strip | 5 555.5 | 6 363.1 | 5 898.3 | 6 094.7 | 5 709.6 | 4 569.6 | 1 897.4 | (NA) |
| 33533 | Plain aluminum foil | 545.1 | 784.1 | 667.9 | 651.8 | 603.4 | 476.6 | 216.8 | 184.6 |
| 33534 | Aluminum welded tube | 29.8 | 64.6 | 57.8 | 61.3 | 69.1 | 61.6 | 34.3 | (NA) |
| 33530 | Aluminum sheet, plate, and foil, n.s.k. | 10.8 | 11.4 | 4.2 | 2.6 | (S) | 3.7 | - | - |
| 3354- | Aluminum extruded products | 2 550.5 | 2 785.6 | 2 726.1 | 2 744.8 | 2 326.5 | 1 928.2 | 1 026.4 | (NA) |
| 33541 | Extruded aluminum rod, bar, and other shapes | 2 100.4 | 2 347.9 | 2 316.5 | 2 316.5 | 1 904.9 | 1 541.9 | 781.5 | 565.7 |
| 33542 | Aluminum extruded and drawn tube | 430.1 | 384.2 | 361.6 | 390.1 | 365.2 | 333.0 | 212.4 | (NA) |
| 33540 | Aluminum extruded products, n.s.k. | 20.1 | 53.6 | 23.6 | 38.2 | (S) | 53.3 | 32.5 | 44.8 |
| 3355- | Aluminum rolling and drawing, n.e.c. | 919.1 | 1 473.4 | 1 553.4 | 1 324.4 | 1 199.7 | 1 367.5 | 530.6 | (NA) |
| 33551 | Aluminum and aluminum-base alloy wire | 201.5 | 148.0 | 136.0 | 129.1 | 129.1 | 124.1 | 61.0 | 75.0 |
| 33552 | Roller aluminum rod, bar, and structural shapes | 285.5 | 637.3 | 675.8 | 565.2 | 547.2 | 530.0 | 303.0 | 257.6 |
| 33553 | Aluminum ingot, except extrusion billet | 413.1 | 675.6 | 728.6 | 579.8 | 516.6 | 709.5 | 166.6 | 86.2 |
| 33554 | Aluminum extrusion billet | 19.0 | 12.5 | 12.9 | 10.0 | (S) | 3.9 | - | - |
| 33550 | Aluminum rolling and drawing, n.e.c., n.s.k. | 19.0 | 12.5 | 12.9 | 10.0 | (S) | 3.9 | - | - |
| 3356- | Nonferrous rolling and drawing, n.e.c. | 3 305.0 | 3 780.1 | 3 789.9 | 3 255.6 | 2 629.8 | 2 616.5 | 1 075.6 | 1 012.0 |
| 33561 | Nickel and nickel-base alloy mill shapes | 637.3 | 832.8 | 1 065.7 | 803.4 | 710.5 | 873.2 | 270.4 | (NA) |
| 33562 | Titanium mill shapes | 609.2 | 1 052.6 | 838.8 | 540.6 | 326.7 | 250.7 | 111.1 | (NA) |
| 33563 | Precious metal mill shapes | 1 261.6 | 1 042.3 | 894.7 | 959.6 | 737.8 | 751.7 | 364.0 | (NA) |
| 33569 | All other nonferrous metal mill shapes | 757.2 | 783.9 | 924.2 | 865.6 | 805.0 | 662.1 | 285.1 | (NA) |
| 33560 | Roller and drawn nonferrous metals, n.e.c., n.s.k. | 39.7 | 68.5 | 66.4 | 86.3 | 49.8 | 78.8 | 45.0 | (NA) |
| 3357- | Nonferrous wire drawing and insulating | 8 188.1 | 9 012.4 | 9 193.5 | 8 577.1 | 7 064.7 | 6 460.3 | 4 223.9 | 3 389.6 |
| 33571 | Aluminum and aluminum-base alloy wire and cable, produced in nonferrous wiredrawing plants (also see code 33551) | 284.9 | 367.7 | 383.9 | 332.5 | 300.1 | 263.4 | 153.0 | 176.9 |
| 33572 | Copper and copper-base alloy wire | 402.3 | 592.4 | 620.0 | 615.5 | 588.6 | 496.8 | 353.1 | 372.8 |
| 33573 | Other bare nonferrous metal wire | 116.1 | 95.6 | 109.2 | 145.2 | (S) | 117.9 | 59.5 | 40.5 |
| 33575 | Nonferrous wire cloth and other woven wire products, produced in wiredrawing plants (also see code 34965) | 39.1 | 47.0 | 53.7 | 51.7 | 58.8 | 94.5 | 33.9 | 36.2 |
| 33576 | Apparatus wire and cord and flexible cord sets, produced in wiredrawing plants (also see code 36996) | 477.6 | 562.0 | 551.2 | 525.6 | 478.4 | 447.8 | 262.9 | 184.2 |
| 33577 | Magnet wire | 747.0 | 921.3 | 899.5 | 944.7 | 828.3 | 754.4 | 548.8 | 449.6 |
| 33578 | Power wire and cable | 854.5 | 1 051.8 | 1 245.9 | 1 047.9 | 788.5 | 705.9 | 499.7 | 424.0 |
| 33579 | Fiber optic cable | 88.6 | - | - | - | - | - | - | - |
| 3357A | Electronic wire and cable | 1 304.4 | 1 208.6 | 1 164.0 | 827.3 | 585.2 | 478.9 | 1 316.0 | 909.1 |
| 3357B | Telephone and telegraph wire and cable | 1 815.2 | 2 129.6 | 2 076.6 | 2 097.9 | 1 662.2 | 1 600.2 | 956.5 | 745.9 |
| 3357C | Control and signal wire and cable | 248.8 | 238.4 | 205.9 | 173.8 | 132.1 | 128.3 | - | - |
| 3357D | Building wire and cable | 1 083.6 | 1 112.7 | 1 261.2 | 1 218.8 | 971.7 | 890.2 | - | - |
| 3357E | Other insulated wire and cable, including automotive | 550.6 | 562.5 | 525.7 | 528.3 | 466.2 | 431.7 | - | - |
| 33570 | Nonferrous wiredrawing and insulating, n.s.k. | 175.4 | 122.9 | 96.7 | 67.9 | (S) | 50.3 | 40.5 | 50.4 |
| 33980 | Metal heat treating | 1 105.9 | 1 174.1 | 1 076.3 | 1 059.8 | 932.1 | 704.1 | 454.1 | 274.9 |
| 3399- | Primary metal products, n.e.c. | 959.0 | 1 540.5 | 1 577.3 | 1 511.4 | 1 229.6 | 967.5 | 416.5 | (NA) |
| 33991 | Metal powders, paste, and flakes | 799.1 | 1 149.7 | 1 214.0 | 1 085.4 | 813.2 | 702.2 | 322.7 | 227.8 |
| 33992 | Primary metal products, n.e.c. | 119.9 | 287.4 | 280.2 | 329.8 | 235.6 | 144.7 | 93.8 | 43.1 |
| 33990 | Primary metal products, n.e.c., n.s.k. | 40.0 | 103.4 | 83.1 | 96.2 | (S) | 120.6 | - | - |
| 3411- | Metal cans | 10 551.9 | 9 755.6 | 9 374.1 | 9 082.5 | 8 393.0 | 7 414.7 | 4 224.4 | 2 585.7 |
| 34111 | Steel cans and tinware | 5 643.7 | 9 703.4 | 9 335.7 | 9 037.1 | 8 362.1 | 7 368.5 | 4 202.2 | 2 585.7 |
| 34112 | Aluminum cans | 4 878.7 | 52.2 | 38.4 | 45.4 | (S) | 46.2 | 22.2 | (NA) |
| 34110 | Metal cans, n.s.k. | 29.5 | - | - | - | - | - | - | - |
| 3412- | Metal barrels, drums, and pails | 945.8 | 1 262.6 | 1 228.0 | 1 166.7 | 1 083.7 | 948.2 | 509.4 | 378.2 |
| 34121 | Steel pails | 207.8 | 305.3 | 292.3 | 267.8 | 296.8 | 272.9 | 153.0 | 111.6 |
| 34122 | Steel shipping barrels and drums (more than 12-gallon capacity) | 563.2 | 709.8 | 741.9 | 748.4 | 639.2 | 548.4 | 292.1 | 212.6 |
| 34123 | All other metal barrels | 139.9 | 211.9 | 159.2 | 109.1 | 96.0 | 84.0 | 52.1 | 45.5 |
| 34120 | Metal barrels, drums, and pails, n.s.k. | 34.9 | 35.6 | 34.5 | 41.4 | (S) | 43.0 | 12.2 | 8.5 |
| 3421- | Cutlery | 953.8 | 941.4 | 867.4 | 817.8 | 742.6 | 666.9 | 403.9 | 308.9 |
| 34211 | Cutlery, scissors, shears, trimmers, and snips | 503.5 | 504.7 | 469.2 | 444.7 | 381.8 | 344.7 | 183.3 | 121.0 |
| 34212 | Razor blades and razors, except electric | 431.2 | 423.6 | 386.3 | 360.2 | 342.1 | 307.4 | 207.2 | 177.1 |
| 34210 | Cutlery, n.s.k. | 19.1 | 13.2 | 11.9 | 12.9 | (S) | 14.8 | 13.4 | 10.8 |
| 3423- | Hand and edge tools, n.e.c. | 2 598.4 | 2 949.7 | 2 701.6 | 2 689.6 | 2 347.6 | 2 066.1 | 1 114.0 | 775.1 |
| 34231 | Mechanics' hand service tools | 1 330.6 | 1 527.1 | 1 410.2 | 1 418.7 | 1 182.8 | 1 070.2 | 601.2 | 391.5 |
| 34232 | Edge tools, hand operated | 470.7 | 456.1 | 392.0 | 399.8 | 384.4 | 327.6 | 160.1 | 127.8 |
| 34233 | Other hand tools, n.e.c. | 690.5 | 833.1 | 799.9 | 775.8 | 652.6 | 524.3 | 274.7 | 190.5 |
| 34230 | Hand and edge tools, n.e.c., n.s.k. | 106.6 | 133.3 | 99.5 | 95.4 | (S) | 144.0 | 78.0 | 65.3 |
| 34250 | Hand saws, saw blades, and saw accessories | 440.9 | 561.2 | 573.0 | 523.8 | 408.1 | 369.3 | 201.8 | 138.0 |
| 3429- | Hardware, n.e.c. | 5 676.9 | 6 045.8 | 5 485.1 | 5 971.1 | 5 681.2 | 5 082.5 | 3 089.5 | 2 188.2 |
| 34292 | Furniture hardware, excluding cabinet hardware | 272.0 | 423.8 | 417.3 | 370.2 | 330.0 | 279.9 | 205.0 | 120.9 |
| 34293 | Vacuum and insulated bottles, jugs, and chests | 120.4 | 118.5 | 134.4 | 135.6 | 118.0 | 107.0 | 85.4 | 55.9 |
| 34294 | Builders' hardware | 2 057.2 | 1 951.6 | 1 810.8 | 1 806.4 | 1 682.4 | 1 418.9 | 934.0 | 593.4 |
| 34296 | Motor vehicle hardware | 1 999.4 | 2 195.9 | 1 948.7 | 2 440.2 | 2 369.6 | 2 220.0 | 1 200.7 | (NA) |
| 34297 | Other transportation equipment hardware | 274.2 | 280.6 | 263.8 | 245.7 | (S) | 155.4 | 133.7 | (NA) |
| 34298 | Other hardware, n.e.c. | 667.5 | 853.0 | 726.8 | 788.1 | 771.7 | 648.5 | 399.3 | 335.7 |
| 34290 | Hardware, n.e.c., n.s.k. | 286.2 | 224.5 | 183.3 | 184.8 | (S) | 252.9 | 131.4 | 120.9 |
| 34310 | Metal plumbing fixtures | 455.9 | 441.8 | 408.4 | 419.2 | 426.4 | 392.3 | 315.6 | 213.1 |
| 34320 | Plumbing fittings and brass goods | 1 325.3 | 1 444.9 | 1 374.9 | 1 341.1 | 1 198.0 | 1 109.1 | 673.2 | 404.6 |
| 3433- | Heating equipment, except electric | 1 962.3 | 1 954.8 | 2 156.0 | 1 870.5 | 1 644.7 | 1 396.7 | 924.0 | 738.9 |
| 34333 | Cast iron heating boilers, radiators, and convectors | 224.1 | 242.4 | 295.8 | 232.6 | 201.9 | 187.8 | 152.5 | 133.3 |
| 34334 | Domestic heating stoves | 310.2 | 246.6 | 417.1 | 366.5 | 256.4 | 174.7 | 70.0 | 50.1 |
| 34335 | Steel heating boilers | 90.9 | 74.9 | 89.0 | 91.0 | 81.9 | 73.3 | 68.7 | 67.0 |
| 34338 | Floor and wall furnaces, unit heaters, infrared heaters, and mechanical stokers | 272.1 | 1 134.6 | 1 134.9 | 1 036.4 | 881.1 | 114.9 | 565.5 | 414.9 |
| 34339 | Other heating equipment | 888.2 | - | - | - | - | 675.5 | - | - |
| 34330 | Heating equipment, except electric, n.s.k. | 176.7 | 256.3 | 219.2 | 144.0 | (S) | 170.5 | 67.3 | 73.6 |
| 3441- | Fabricated structural metal | 7 956.3 | 8 293.3 | 7 727.4 | 6 729.7 | 5 336.1 | 4 860.9 | 3 305.9 | 2 561.5 |
| 34411 | Fabricated structural metal for buildings | 4 588.0 | 4 440.4 | 4 306.5 | 3 745.6 | 2 851.6 | 2 578.5 | 1 935.0 | 1 430.3 |
| 34412 | Fabricated structural metal for bridges | 422.8 | 592.0 | 531.0 | 412.9 | 287.4 | 280.2 | 391.2 | 312.2 |
| 34413 | Other fabricated structural metal | 2 153.6 | 2 634.2 | 2 448.2 | 2 198.3 | 1 660.2 | 1 474.1 | 598.8 | 550.6 |
| 34410 | Fabricated structural metal, n.s.k. | 792.0 | 626.7 | 441.7 | 372.9 | (S) | 528.0 | 380.9 | 268.4 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|--|----------------|-------------------|-------------------|-------------------|-------------------|----------------|----------------|----------------|
| 3442- | Metal doors, sash, and trim | 4 349.8 | 4 588.8 | 4 062.2 | 3 974.5 | 3 453.0 | 2 974.1 | 1 902.9 | 1 301.5 |
| 34421 | Metal doors and frames, except storm doors | 1 668.6 | 1 566.8 | 1 500.7 | 1 451.6 | 1 257.6 | 1 089.3 | 686.7 | 345.7 |
| 34422 | Metal window sash and frames, except storm sash | 1 279.6 | 1 410.8 | 1 117.8 | 1 190.8 | 996.6 | 801.9 | 511.6 | 257.5 |
| 34423 | Metal molding and trim and store fronts | 285.6 | 406.4 | 360.6 | 341.9 | 242.7 | 191.1 | 148.5 | 145.0 |
| 34424 | Metal combination screen, storm sash, and storm doors | 565.6 | 603.2 | 577.7 | 526.5 | 458.3 | 401.7 | 228.1 | 198.2 |
| 34425 | Metal window and door screens, and weather strip | 168.6 | 250.1 | 210.2 | 222.0 | 177.8 | 152.4 | 95.5 | 61.5 |
| 34420 | Metal doors, sash, and trim, n.s.k. | 381.8 | 351.5 | 295.3 | 241.8 | (S) | 337.7 | 232.5 | 293.6 |
| 3443- | Fabricated plate work (boiler shops) | 8 094.5 | 9 436.7 | 9 068.4 | 8 286.6 | 7 273.5 | 6 641.2 | 3 265.7 | 2 589.4 |
| 34431 | Heat exchangers and steam condensers | 1 220.5 | 1 388.0 | 1 285.8 | 1 129.6 | 899.8 | 900.5 | (NA) | (NA) |
| 34432 | Fabricated steel plate, stacks, and weldments | 1 656.9 | 1 829.7 | 1 838.8 | 1 770.9 | 1 338.4 | 1 095.5 | 617.3 | 517.9 |
| 34433 | Steel power boilers, parts, and attachments | 963.1 | 1 356.4 | 1 197.0 | 1 098.3 | 1 008.3 | 960.3 | (NA) | (NA) |
| 34434 | Gas cylinders | 221.5 | 307.9 | 301.2 | 285.7 | 217.9 | 173.3 | 93.5 | 72.2 |
| 34435 | Complete metal tanks, standard, pressure | 446.7 | 594.8 | 500.0 | 423.8 | 347.7 | 298.5 | 174.7 | 120.2 |
| 34436 | Nuclear reactor steam supply systems | 634.4 | 626.8 | 753.0 | 711.2 | 709.4 | 695.4 | (NA) | (NA) |
| 34437 | Complete metal tanks, standard, nonpressure | 603.1 | 672.7 | 622.6 | 640.4 | 515.3 | 486.2 | 255.1 | 177.3 |
| 34438 | Metal tanks and vessels, custom made at factory | 1 164.2 | 1 533.5 | 1 293.8 | 1 099.6 | 902.1 | 770.6 | 382.1 | 464.8 |
| 34439 | Metal tanks and vessels, custom made, field erected | 452.4 | 669.8 | 879.9 | 815.9 | 699.1 | 663.2 | 369.3 | 176.1 |
| 34430 | Fabricated platework, boilershops, n.s.k. | 731.6 | 457.1 | 396.3 | 311.3 | 635.4 | 597.7 | 198.4 | 195.7 |
| 3444- | Sheet metal work | 6 572.6 | 6 618.9 | 6 381.0 | 6 054.7 | 5 459.0 | 4 607.5 | 2 650.7 | 1 687.1 |
| 34442 | Culverts, flumes, irrigation pipes | 396.3 | 446.5 | 496.2 | 541.7 | 461.6 | 371.2 | 242.0 | 169.9 |
| 34444 | Metal roofing and roof drainage equipment | 655.5 | 800.3 | 844.1 | 901.6 | 621.3 | 597.7 | 422.4 | (NA) |
| 34445 | Metal flooring and siding | 950.7 | 997.9 | 976.8 | 930.7 | 945.2 | 775.8 | 301.7 | (NA) |
| 34446 | Other sheet metal work | 3 466.7 | 3 344.1 | 3 262.9 | 2 928.0 | 2 569.0 | 2 121.1 | 1 187.9 | 722.9 |
| 34440 | Sheet metal work, n.s.k. | 1 103.4 | 1 030.1 | 801.1 | 752.8 | (S) | 741.4 | 496.7 | 385.7 |
| 34460 | Architectural and ornamental metal work | 1 422.0 | 1 376.5 | 1 262.1 | 1 169.9 | 1 025.7 | 950.9 | 589.4 | 504.9 |
| 3448- | Prefabricated metal buildings | 2 215.1 | 2 279.9 | 2 069.9 | 2 177.6 | 1 920.2 | 1 656.0 | 578.8 | (NA) |
| 34481 | Prefabricated metal building systems, excluding farm and residential | 1 385.6 | 1 416.0 | 1 245.6 | 1 281.7 | 1 137.9 | 912.2 | 258.9 | (NA) |
| 34482 | Other prefabricated and portable metal buildings and parts | 709.8 | 745.1 | 730.6 | 832.1 | 708.0 | 630.2 | 311.4 | (NA) |
| 34480 | Prefabricated metal buildings, n.s.k. | 119.8 | 118.8 | 93.7 | 63.8 | (S) | 113.6 | 8.5 | .4 |
| 3449- | Miscellaneous metal work | 2 489.9 | 2 257.4 | 2 184.7 | 2 031.4 | 1 464.4 | 1 332.9 | 994.6 | (NA) |
| 34494 | Fabricated bar joists and concrete reinforcing bars | 1 231.3 | 1 192.4 | 1 313.3 | 1 281.3 | 944.2 | 900.1 | 583.3 | (NA) |
| 34496 | Metal plaster bases | 167.5 | 963.8 | 794.9 | 685.5 | (NA) | 359.2 | 273.6 | (NA) |
| 34497 | Curtain wall | 395.0 | | | | | | | |
| 34498 | Custom roll formed products | 599.2 | 101.2 | 76.5 | 64.6 | (S) | 73.6 | 137.7 | (NA) |
| 34490 | Miscellaneous metal work, n.s.k. | 96.8 | | | | | | | |
| 3451- | Screw machine products | 2 159.7 | 2 423.2 | 2 421.1 | 2 440.9 | 2 102.7 | 1 771.4 | 1 083.1 | 1 036.1 |
| 34511 | Automotive screw machine products | 686.7 | 831.0 | 847.6 | 840.6 | 680.6 | 598.4 | 245.7 | (NA) |
| 34512 | Other screw machine products | 1 245.3 | 1 365.2 | 1 374.0 | 1 400.0 | 1 201.8 | 958.6 | 638.7 | (NA) |
| 34510 | Screw machine products, n.s.k. | 227.8 | 227.0 | 199.5 | 200.3 | (S) | 214.4 | 198.7 | (NA) |
| 3452- | Bolts, nuts, rivets, and washers | 3 401.0 | 4 277.4 | 4 107.6 | 4 133.9 | 3 564.4 | 3 130.3 | 1 988.4 | 1 613.1 |
| 34524 | Externally threaded fasteners, except aircraft | 1 451.0 | 1 849.4 | 1 834.7 | 1 907.8 | 1 617.4 | 1 451.2 | 979.5 | (NA) |
| 34525 | Internally threaded fasteners, except aircraft | 408.6 | 503.2 | 491.5 | 532.8 | 453.8 | 412.6 | 248.5 | (NA) |
| 34526 | Nonthreaded fasteners, except aircraft | 526.2 | 705.3 | 681.6 | 737.1 | 602.7 | 517.2 | 353.2 | (NA) |
| 34527 | Aircraft aerospace fasteners | 516.7 | 780.3 | 715.3 | 488.8 | 350.7 | 237.9 | 157.8 | (NA) |
| 34528 | Other formed parts, made on fastener machines | 329.9 | 304.0 | 278.4 | 370.2 | 315.9 | 284.6 | 140.3 | 195.9 |
| 34520 | Bolts, nuts, rivets, and washers, n.s.k. | 168.5 | 135.2 | 106.2 | 97.1 | (S) | 226.8 | 109.1 | 71.8 |
| 3462- | Iron and steel forgings | 3 161.3 | 4 110.3 | 3 703.7 | 3 731.3 | 3 385.5 | 2 966.7 | 1 572.6 | (NA) |
| 34625 | Hot impression die impact, press, and upset steel forgings | 2 265.5 | 2 937.3 | 2 672.4 | 2 764.9 | 2 549.9 | 2 155.4 | (NA) | (NA) |
| 34626 | Cold impression die impact, press, and upset steel forgings | 219.8 | 245.4 | 201.2 | 257.6 | 271.0 | 215.7 | (NA) | (NA) |
| 34627 | Seamless rolled ring forgings, ferrous, made in plants not producing steel (also see code 3312A) | 591.9 | 272.2 | 227.9 | 172.3 | 143.1 | 113.8 | (NA) | (NA) |
| 34628 | Open die or smith forgings, hammer or press, ferrous, made in plants not producing steel (also see code 3312B) | | 579.1 | 540.0 | 487.7 | 358.6 | 384.7 | (NA) | (NA) |
| 34620 | Iron and steel forgings, n.s.k. | 84.1 | 76.3 | 62.2 | 48.8 | 62.9 | 97.1 | (NA) | (NA) |
| 3463- | Nonferrous forgings | 1 210.9 | 1 254.9 | 1 107.9 | 863.8 | 681.9 | 540.4 | 280.8 | 348.1 |
| 34635 | Hot impression die impact, press, and upset nonferrous forgings | 1 011.2 | 983.8 | 855.8 | 712.1 | 572.0 | 468.1 | (NA) | (NA) |
| 34639 | Other nonferrous forgings | 193.7 | 247.9 | 233.8 | 135.8 | (NA) | 61.2 | (NA) | (NA) |
| 34630 | Nonferrous forgings, n.s.k. | 6.0 | 23.2 | 18.3 | 15.9 | - | 11.1 | (NA) | (NA) |
| 34650 | Automotive job stampings | 9 041.2 | 8 896.2 | 8 326.1 | 10 292.4 | 10 662.7 | 9 599.8 | 5 155.8 | 3 178.2 |
| 3466- | Crowns and closures | 790.2 | 695.5 | 638.0 | 651.9 | 599.2 | 581.0 | 339.4 | 290.0 |
| 34661 | Metal commercial closures and metal home canning closures | 627.1 | 564.0 | 483.8 | 512.4 | 469.2 | 470.7 | 274.6 | 204.6 |
| 34662 | Metal crowns | 145.0 | 120.8 | 147.0 | 132.6 | 124.8 | 104.8 | 64.8 | 85.4 |
| 34660 | Crowns and closures, n.s.k. | 18.1 | 10.7 | 7.3 | 7.0 | (S) | 5.6 | - | - |
| 3469- | Metal stampings, n.e.c. | 6 172.3 | 6 839.0 | 6 402.8 | 6 012.6 | 5 067.1 | 4 554.5 | 2 614.9 | 2 057.0 |
| 34692 | Job stampings, except automotive | 2 908.9 | 3 478.5 | 3 329.8 | 3 186.0 | 2 521.5 | 2 199.3 | 1 283.1 | 1 076.9 |
| 34694 | Stamped and spun cooking utensils, aluminum | 508.2 | 418.6 | 410.4 | 403.0 | 360.8 | 330.1 | 205.0 | 148.2 |
| 34695 | Stamped and spun cooking utensils, except aluminum | 367.7 | 428.3 | 388.9 | 412.1 | 423.2 | 385.4 | 184.4 | 141.6 |
| 34699 | Other stamped and pressed metal end products | 1 584.8 | 1 937.0 | 1 714.8 | 1 487.0 | 1 204.7 | 1 073.0 | 444.2 | 444.2 |
| 34690 | Metal stampings, n.e.c., n.s.k. | 802.6 | 576.6 | 558.9 | 524.5 | (S) | 566.7 | 354.0 | 246.1 |
| 34710 | Electroplating, plating, and polishing | 2 680.3 | 2 544.6 | 2 461.4 | 2 330.2 | 2 151.4 | 1 775.1 | 993.4 | 756.1 |
| 34790 | Coating, engraving, and allied services | 2 405.2 | 2 486.7 | 2 178.7 | 2 039.9 | 1 746.6 | 1 520.5 | 682.0 | 404.3 |
| 34820 | Small arms ammunition, 30 mm. or less | 698.5 | 735.7 | 624.8 | 573.5 | 511.8 | 403.9 | 306.4 | 572.8 |
| 3483- | Ammunition, except for small arms, n.e.c. | 1 359.0 | 952.4 | 858.6 | 689.3 | 617.6 | 629.3 | 991.2 | 2 462.0 |
| 34831 | Artillery ammunition more than 30 mm. | 678.8 | 462.4 | 443.6 | 374.6 | 388.5 | 338.3 | 481.2 | (NA) |
| 34833 | Ammunition, except small arms, n.e.c. | 674.2 | 487.8 | 413.5 | 313.1 | 225.9 | 282.9 | 506.1 | (NA) |
| 34830 | Ammunition, except small arms, n.e.c., n.s.k. | 6.0 | 2.2 | 1.6 | 1.6 | (S) | 8.1 | 3.9 | (NA) |
| 3484- | Small arms | 896.1 | 994.4 | 881.8 | 850.9 | 791.1 | 662.6 | 334.1 | 361.7 |
| 34841 | Machine guns, 30 mm. or less | 879.4 | 976.3 | 871.4 | 843.0 | 767.8 | 647.5 | (NA) | (NA) |
| 34842 | Small arms, 30 mm. or less | | | | | | | (NA) | (NA) |
| 34840 | Small arms, n.s.k. | 16.7 | 18.1 | 10.4 | (S) | 23.2 | 15.1 | (NA) | (NA) |
| 3489- | Ordnance and accessories, n.e.c. | 1 016.0 | 887.9 | 753.4 | 695.2 | 584.0 | 483.3 | 333.8 | 857.6 |
| 34891 | Guns, howitzers, mortars, and related equipment, more than 30 mm. | 138.9 | 117.3 | 96.6 | 52.8 | 48.9 | 57.0 | 44.3 | 51.9 |
| 34892 | Ordnance and accessories, n.e.c. | 870.8 | 769.3 | 654.7 | 639.2 | 524.7 | 414.0 | 281.3 | 805.7 |
| 34890 | Ordnance and accessories, n.e.c., n.s.k. | 6.2 | 1.3 | (S) | 3.2 | (S) | 12.3 | 8.2 | - |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|---|-----------------|-------------------|-------------------|-------------------|-------------------|-----------------|----------------|----------------|
| 3493- | Steel springs, except wire | 511.3 | 532.9 | 499.0 | 663.2 | 656.8 | 571.0 | 361.8 | 264.0 |
| 34931 | Hot formed springs | 395.8 | 369.2 | 345.5 | 502.9 | 524.5 | 454.2 | 279.1 | (NA) |
| 34932 | Cold formed springs | 94.8 | 144.8 | 140.5 | 148.2 | 109.8 | 94.3 | 56.9 | (NA) |
| 34930 | Steel springs, except wire, n.s.k. | 20.8 | 18.9 | 12.9 | 12.1 | (S) | 22.5 | 25.8 | (NA) |
| 3494- | Valves and pipe fittings | 8 705.1 | 8 788.0 | 7 916.0 | 7 093.5 | 5 973.8 | 5 403.0 | 2 891.6 | 2 091.9 |
| 34944 | Plumbing and heating valves and specialties | 220.2 | 369.4 | 313.9 | 247.3 | 228.7 | 206.6 | 139.3 | 101.2 |
| 34945 | Metal fittings, flanges, and unions for piping systems | 1 491.2 | 1 613.2 | 1 500.3 | 1 389.6 | 1 120.7 | 1 018.8 | 602.2 | 484.7 |
| 34947 | Automatic regulating and control valves | 1 233.0 | 1 151.5 | 1 069.7 | 968.6 | 816.5 | 696.1 | (NA) | (NA) |
| 34948 | Solenoid valves | 206.1 | 230.9 | 200.5 | 206.8 | 139.2 | 114.8 | (NA) | (NA) |
| 34949 | Nuclear valves | 152.0 | | | | | | | |
| 3494A | Industrial valves | 3 273.5 | | | | | | | |
| 3494B | Hydraulic valves, except aerospace type | 435.3 | | | | | | | |
| 3494C | Pneumatic valves, except aerospace type | 339.2 | | | | | | | |
| 3494D | Aerospace type hydraulic and pneumatic valves | 262.2 | | | | | | | |
| 3494E | Fittings for metal and plastics tubing used in fluid power systems, except aerospace type | 302.7 | 5 163.4 | 4 643.0 | 4 112.2 | 3 503.9 | 3 131.0 | 2 050.3 | 1 406.1 |
| 3494F | Hydraulic and pneumatic hose or tube end fittings and assemblies, except aerospace type | 319.7 | | | | | | | |
| 3494G | Aerospace type hydraulic and pneumatic hose or tube end fittings | 119.0 | | | | | | | |
| 3494H | Parts for fluid power valves | 101.0 | | | | | | | |
| 34940 | Valves and pipe fittings, n.s.k. | 250.0 | 259.6 | 188.6 | 169.0 | (S) | 235.7 | 99.8 | 99.9 |
| 3495- | Wire springs | 1 064.2 | 994.4 | 962.7 | 1 052.2 | 1 035.2 | 933.0 | 566.1 | 465.1 |
| 34952 | Precision mechanical springs | 480.7 | 530.7 | 492.5 | 504.1 | 451.7 | 392.0 | 250.5 | 211.0 |
| 34953 | Other wire springs | 534.8 | 414.4 | 439.3 | 513.3 | 541.8 | 500.1 | 312.0 | 254.1 |
| 34950 | Wire springs, n.s.k. | 48.7 | 49.4 | 30.8 | 34.9 | (S) | 40.9 | 3.6 | (NA) |
| 3496- | Miscellaneous fabricated wire products | 2 335.1 | 1 933.4 | 1 831.2 | 1 793.0 | 1 542.8 | 1 440.0 | 942.4 | 763.0 |
| 34961 | Noninsulated ferrous wire rope, cable, etc., not produced by wire drawers (also see code 33151) | 391.4 | 227.0 | 205.6 | 185.0 | 188.5 | 171.4 | 96.4 | 81.8 |
| 34964 | Ferrous wire cloth and other woven wire products, not produced by wire drawers (also see code 33157) | 204.4 | 233.0 | 243.2 | 200.5 | 152.2 | 137.7 | 75.3 | 53.9 |
| 34965 | Nonferrous wire cloth and other woven wire products, not produced by wire drawers (also see code 33575) | 81.6 | 71.8 | 55.1 | 70.9 | 61.8 | 66.1 | 49.8 | 53.8 |
| 34966 | Fence and fence gates, not produced by wire drawers (also see code 33156) | 145.1 | 113.0 | 125.3 | 171.9 | 161.1 | 131.3 | 73.5 | 55.1 |
| 34967 | Steel nails and spikes, not made by wire drawers (also see code 33152) | 206.6 | 128.8 | 128.8 | 100.4 | 93.8 | 88.1 | (NA) | (NA) |
| 34968 | Other fabricated wire products, not produced by wire drawers (also see code 33159) | 1 089.6 | 1 015.1 | 948.0 | 931.5 | 763.0 | 626.0 | (NA) | (NA) |
| 34960 | Miscellaneous fabricated wire products, n.s.k. | 216.5 | 144.7 | 125.3 | 132.8 | (S) | 219.5 | 190.2 | 143.9 |
| 3497- | Metal foil and leaf | 1 758.0 | 1 506.5 | 1 410.1 | 1 315.2 | 1 299.4 | 1 070.3 | 511.8 | 385.6 |
| 34971 | Converted unmounted aluminum foil packaging products | 654.5 | 595.0 | 533.9 | 498.0 | 472.3 | 386.7 | 197.3 | (NA) |
| 34972 | Laminated aluminum foil flexible packaging | 775.5 | 627.0 | 629.7 | 583.2 | 555.2 | 496.9 | 229.3 | (NA) |
| 34973 | Converted foil for nonpackaging applications | 324.4 | 277.6 | 240.0 | 227.3 | 249.9 | 165.1 | 67.7 | (NA) |
| 34970 | Metal leaf and foil, n.s.k. | 3.6 | 6.8 | 6.4 | 6.7 | (S) | 21.6 | 17.5 | (NA) |
| 34980 | Fabricated pipe and pipe fittings | 3 035.3 | 2 889.0 | 2 443.1 | 2 248.5 | 2 039.3 | 1 698.1 | 670.5 | 486.3 |
| 3499- | Fabricated metal products, n.e.c. | 4 210.9 | 5 424.0 | 4 948.3 | 4 460.6 | 4 212.0 | 3 390.3 | 2 131.8 | 1 303.3 |
| 34991 | Safes and vaults | 282.6 | 317.5 | 293.5 | 236.2 | 214.0 | 181.6 | 146.2 | 79.5 |
| 34992 | Collapsible tubes | 84.7 | 137.0 | 134.1 | 121.2 | 111.5 | 106.5 | 49.1 | 50.9 |
| 34993 | Flat metal strapping | 271.6 | 421.7 | 364.1 | 422.4 | 333.5 | 272.6 | 167.8 | (NA) |
| 34995 | Metal ladders | 152.0 | | | | | | | |
| 34996 | Powder metallurgy parts | 441.3 | | | | | | | |
| 34998 | All other fabricated metal products, n.e.c. | 2 277.1 | 3 881.4 | 3 645.8 | 3 291.7 | 2 651.4 | 2 300.0 | 1 390.5 | (NA) |
| 34990 | Fabricated metal products, n.e.c., n.s.k. | 701.5 | 666.4 | 510.8 | 389.1 | (S) | 529.6 | 378.2 | (NA) |
| 3511- | Turbines and turbine generator sets | 3 662.3 | 3 786.7 | 3 600.7 | 3 211.2 | 2 823.8 | 2 813.1 | 2 079.7 | 1 059.3 |
| 35111 | Steam, gas, and hydraulic turbine generator sets | 786.5 | 1 790.8 | 1 877.2 | 1 623.2 | 1 445.3 | 1 369.2 | 1 521.6 | 714.5 |
| 35112 | Steam, gas, and hydraulic turbines and parts | 2 846.9 | 1 974.9 | 1 683.3 | 1 556.4 | 1 354.6 | 1 415.4 | 541.5 | 344.7 |
| 35110 | Turbines and turbine generator sets, n.s.k. | 28.9 | 21.0 | 40.2 | 31.7 | (S) | 28.5 | 16.6 | - |
| 3519- | Internal combustion engines, n.e.c. | 8 972.4 | 10 909.0 | 9 555.1 | 9 623.5 | 9 064.1 | 7 548.0 | 3 353.4 | 2 187.6 |
| 35191 | Gasoline and gas-gasoline engines | 1 001.8 | 1 030.2 | 1 107.4 | 1 212.7 | 1 034.5 | 892.9 | 490.8 | 386.9 |
| 35193 | Diesel, semidiesel, and dual fuel engines, nonautomotive | 1 548.2 | 2 533.8 | 2 152.5 | 1 712.4 | 1 976.9 | 1 587.4 | 604.0 | 447.9 |
| 35194 | Diesel, semidiesel, and dual fuel engines, automotive | 1 715.6 | 2 115.5 | 1 829.9 | 1 649.9 | 1 382.5 | 1 322.2 | 634.6 | 233.2 |
| 35195 | Outboard motors | (26) | (26) | (26) | (26) | (26) | (26) | (26) | (26) |
| 35196 | Gas engines, except gas turbines | 99.6 | 132.7 | 94.7 | 56.6 | 35.3 | 31.9 | 35.2 | 22.6 |
| 35197 | Tank and converted internal combustion engines | 261 143.4 | 26996.0 | 26707.0 | 26892.6 | (D) | 26813.7 | 26425.9 | 26267.1 |
| 35199 | Parts for internal combustion engines | 3 405.7 | 4 070.0 | 3 632.8 | 4 058.4 | 3 623.4 | 2 846.9 | 1 144.9 | 816.0 |
| 35190 | Internal combustion engines, n.s.k. | 58.2 | 30.8 | 30.8 | 40.9 | (S) | 52.9 | 18.0 | 13.9 |
| 3523- | Farm machinery and equipment | 10 370.0 | 13 038.4 | 11 852.9 | 12 038.1 | 9 880.3 | 9 548.9 | 4 143.5 | (NA) |
| 35231 | Wheel tractors and attachments | 2 321.9 | 3 251.1 | 2 919.2 | 3 093.8 | 2 523.7 | 2 637.0 | 1 215.2 | 1 040.2 |
| 35232 | Dairy equipment, sprayers, elevators, and blowers ⁵ | 382.2 | 458.5 | 468.5 | 465.4 | 350.7 | 306.4 | 157.8 | (NA) |
| 35233 | Planting, seeding, and fertilizing machinery | 566.5 | 689.5 | 617.5 | 594.4 | 417.6 | 466.5 | 172.0 | 183.0 |
| 35234 | Harrows, rollers, pulverizers, stalk cutters | 298.7 | 461.2 | 504.9 | 529.1 | 386.7 | 392.2 | 191.8 | (27) |
| 35235 | Harvesting machinery, except for hay and straw | 1 854.1 | 2 340.5 | 1 997.4 | 1 924.3 | 1 583.6 | 1 463.3 | 580.4 | 580.7 |
| 35236 | Haying machinery | 444.8 | 655.0 | 704.2 | 592.8 | 465.0 | 414.9 | 184.1 | 148.8 |
| 35237 | Plows and listers | 125.9 | 193.3 | 207.9 | 230.1 | 173.9 | 199.0 | 85.4 | 27281.1 |
| 35238 | All other farm machinery and equipment | 1 156.3 | 1 526.8 | 1 539.3 | 1 683.8 | 1 278.7 | 1 228.0 | 28610.8 | 458.0 |
| 35239 | Parts for farm machinery | 2 327.6 | 2 601.7 | 2 005.1 | 1 995.9 | 1 724.2 | 1 609.5 | 741.4 | 565.0 |
| 3523A | Commercial turf and grounds mowing equipment | 203.0 | 186.7 | 161.3 | 151.2 | 134.0 | 107.4 | (NA) | (NA) |
| 3523B | Other commercial turf and grounds care equipment | 35.2 | 44.4 | 47.4 | 148.1 | 111.6 | 172.9 | (NA) | (NA) |
| 35230 | Farm machinery and equipment, n.s.k. | 653.7 | 629.6 | 680.2 | 629.2 | (S) | 551.8 | 29204.6 | 156.6 |
| 3524- | Lawn and garden equipment¹⁰ | 2 385.2 | 2 270.4 | 2 419.2 | 2 703.8 | 2 118.0 | 1 747.2 | 1 143.4 | (NA) |
| 35241 | Consumer nonriding lawn and garden equipment | 1 167.5 | 1 083.1 | 1 240.1 | 1 403.2 | 1 136.2 | 841.2 | (NA) | (NA) |
| 35243 | Parts for consumer nonriding lawn and garden equipment | 148.4 | 170.2 | 129.2 | 136.2 | 121.6 | 103.2 | (NA) | (NA) |
| 35244 | Consumer riding lawn and garden equipment | 765.2 | 729.9 | 767.0 | 845.5 | 606.1 | 577.4 | (NA) | (NA) |
| 35245 | Parts for consumer riding lawn and garden equipment | 250.9 | 259.6 | 250.5 | 280.2 | 249.7 | 199.3 | (NA) | (NA) |
| 35240 | Lawn and garden equipment, n.s.k. | 53.3 | 27.6 | 32.4 | 38.7 | (S) | 26.1 | 2.5 | (NA) |
| 3531- | Construction machinery | 10 648.3 | 15 602.7 | 14 897.4 | 15 180.7 | 14 558.0 | 11 569.9 | 5 653.6 | 3 766.6 |
| 35311 | Contractors' off-highway wheel tractors | 266.8 | 494.6 | 482.5 | 580.0 | 568.1 | 453.6 | 251.5 | 132.3 |
| 35312 | Tracklaying type tractors | 804.8 | 1 577.9 | 1 325.9 | 1 358.3 | 1 420.5 | 1 164.6 | 389.9 | 389.9 |
| 35313 | Parts for tractors and tractor shovel loaders | 1 721.0 | 2 922.1 | 2 662.7 | 2 447.7 | 2 626.9 | 1 818.0 | 865.7 | 604.2 |
| 35314 | Power cranes, draglines, shovels | 1 940.3 | 2 749.3 | 2 642.5 | 2 811.1 | 2 646.8 | 2 260.5 | 914.2 | 656.5 |
| 35316 | Mixers, pavers, and related equipment | 307.0 | 438.1 | 429.1 | 446.6 | 366.7 | 304.8 | 252.0 | 162.3 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|---|----------------|-------------------|-------------------|-------------------|-------------------|----------------|------------------|-----------------|
| 3531- | Construction machinery—Con. | | | | | | | | |
| 35317 | Tractor shovel loaders | 1 248.4 | 1 892.1 | 1 959.2 | 2 076.9 | 1 925.8 | 1 537.2 | 810.7 | 411.6 |
| 35318 | Scrapers, graders, rollers, and off-highway trucks | 1 365.5 | 2 128.7 | 2 137.5 | 2 163.7 | 2 062.2 | 1 723.8 | 964.8 | 711.4 |
| 35319 | Construction machinery, n.e.c. | 2 677.9 | 3 176.8 | 3 051.4 | 3 102.7 | 2 707.8 | 2 002.2 | 913.0 | 613.9 |
| 35310 | Construction machinery, n.s.k. | 316.6 | 223.2 | 206.5 | 193.6 | 233.2 | 305.1 | 117.7 | 84.5 |
| 3532- | Mining machinery | 1 936.3 | 2 320.5 | 2 249.8 | 1 934.8 | 1 777.6 | 1 785.6 | 729.8 | 521.5 |
| 35325 | Underground mining machinery | 448.6 | 565.6 | 485.2 | 377.7 | 387.5 | 432.1 | 168.5 | 101.4 |
| 35326 | Mineral beneficiation machinery | 91.3 | 122.2 | 126.9 | 90.0 | 94.0 | 100.9 | 101.3 | 78.5 |
| 35327 | Crushing, pulverizing, and screening machinery | 182.4 | 211.4 | 237.4 | 201.4 | 168.1 | 181.9 | 93.5 | 50.1 |
| 35328 | Drills and other mining machinery, n.e.c. | 129.9 | 176.6 | 155.3 | 140.5 | 130.0 | 120.5 | 331.1 | 257.2 |
| 35329 | Parts and attachments for mining machinery | 983.8 | 1 146.5 | 1 169.9 | 1 058.0 | 948.4 | 841.4 | 35.4 | 34.3 |
| 35320 | Mining machinery, n.s.k. | 100.4 | 98.2 | 75.0 | 67.2 | 49.6 | 108.8 | | |
| 3533- | Oil field machinery | 9 514.1 | 10 128.5 | 6 517.4 | 4 884.8 | 4 046.4 | 3 219.4 | 980.0 | 660.7 |
| 35331 | Rotary drilling equipment | 3 803.6 | 4 294.8 | 2 544.1 | 1 967.2 | 1 669.2 | 1 221.4 | 348.2 | 243.5 |
| 35332 | Other drilling equipment | 832.4 | 360.0 | 293.2 | 207.3 | 212.0 | 208.3 | 87.0 | 43.5 |
| 35333 | Oil field and gas field production machinery | 3 035.2 | 323 578.8 | 322 534.7 | 321 913.8 | 321 505.6 | 321 110.5 | 323 76.5 | 32 260.5 |
| 35335 | Portable drilling rigs ³¹ | 32 532.3 | 1 497.6 | 918.5 | 670.4 | 557.1 | 520.6 | 113.6 | 65.4 |
| 35336 | Derricks and well surveying machinery | 737.2 | | | | | | | |
| 35330 | Oil field machinery, n.s.k. | 573.4 | 397.3 | 226.8 | 126.2 | 102.5 | 158.6 | 54.7 | 47.9 |
| 3534- | Elevators and moving stairways | 1 019.7 | 883.6 | 673.7 | 675.1 | 517.4 | 435.1 | 412.2 | 295.9 |
| 35341 | Elevators and moving stairways | 747.3 | | | | | | | |
| 35342 | Parts for elevators and moving stairways | 187.4 | 883.6 | 673.7 | 675.1 | 517.4 | 435.1 | 412.2 | 295.9 |
| 35340 | Elevators and moving stairways, n.s.k. | 84.9 | | | | | | | |
| 3535- | Conveyors and conveying equipment | 2 570.7 | 2 769.3 | 2 530.2 | 2 318.0 | 1 922.5 | 1 684.6 | 825.6 | 655.4 |
| 35353 | Unit handling conveyors | 994.2 | 1 196.3 | 1 069.2 | 846.8 | 772.2 | 586.5 | (33) | (34) |
| 35354 | Parts for unit handling conveyors | 107.4 | 209.8 | 183.1 | 169.8 | 121.1 | 73.1 | 3658.8 | 334 78.9 |
| 35355 | Bulk material handling conveyors | 953.4 | 815.7 | 772.3 | 818.3 | 654.2 | 640.2 | 34 107.1 | 34 118.6 |
| 35356 | Parts for bulk material handling conveyors | 224.7 | 286.9 | 269.2 | 270.2 | 211.6 | 204.4 | 59.7 | 57.9 |
| 35350 | Conveyors and conveying equipment, n.s.k. | 221.0 | 260.5 | 236.4 | 213.0 | 163.5 | 180.4 | | |
| 3536- | Hoists, cranes, and monorails | 1 086.9 | 1 403.2 | 1 395.8 | 1 268.2 | 1 008.8 | 901.3 | 35 446.0 | 35 385.3 |
| 35361 | Hoists | 434.5 | 716.8 | 715.4 | 647.6 | 495.4 | 404.1 | 167.4 | 144.9 |
| 35362 | Overhead traveling cranes and monorails | 562.6 | 623.9 | 624.1 | 572.6 | 440.7 | 426.8 | 36 253.5 | 36 215.1 |
| 35360 | Hoists, cranes, and monorails, n.s.k. | 89.8 | 62.5 | 56.3 | 48.0 | 72.7 | 70.4 | 25.1 | 25.3 |
| 3537- | Industrial trucks and tractors | 1 917.5 | 2 466.8 | 2 581.7 | 2 796.9 | 2 266.4 | 1 799.9 | 351 004.8 | 35 780.7 |
| 35371 | Industrial trucks and tractors | 1 353.9 | 1 669.6 | 1 819.4 | 2 041.9 | 1 656.3 | 1 233.8 | (NA) | (NA) |
| 35372 | Parts for industrial trucks and tractors | 399.8 | 651.0 | 629.8 | 648.6 | 502.3 | 378.2 | 171.4 | (NA) |
| 35370 | Industrial trucks and tractors, n.s.k. | 163.8 | 146.2 | 132.6 | 106.4 | 107.8 | 187.9 | 103.9 | (NA) |
| 3541- | Machine tools, metal cutting types | 4 154.7 | 5 554.0 | 4 952.3 | 4 127.5 | 3 377.1 | 2 560.5 | 1 258.5 | 1 907.8 |
| 35411 | Boring machines | 198.7 | 227.0 | 200.0 | 169.9 | 133.0 | 93.5 | 58.7 | 127.8 |
| 35412 | Drilling machines | 67.3 | 155.0 | 188.8 | 167.1 | 155.0 | 108.9 | 73.7 | 128.5 |
| 35413 | Gear cutting machines | 87.3 | 132.5 | 124.7 | 104.6 | 111.5 | 67.1 | 56.7 | 67.1 |
| 35414 | Grinding, polishing, honing, and lapping machines | 515.3 | 623.3 | 553.8 | 464.5 | 359.5 | 288.3 | 168.6 | 270.2 |
| 35415 | Lathes | 523.6 | 865.3 | 823.0 | 675.7 | 554.9 | 455.9 | 197.6 | 360.5 |
| 35416 | Milling machines | 264.5 | 390.4 | 322.0 | 259.3 | 204.8 | 167.8 | 86.6 | 258.2 |
| 3541A | Machining centers | 365.7 | | | | | | (37) | (37) |
| 3541B | Station type machines | 735.4 | 1 713.2 | 1 491.2 | 1 166.2 | 889.2 | 647.3 | (37) | (37) |
| 3541C | Metal cutting machine tools, n.e.c. | 250.6 | | | | | | (37) | (37) |
| 35418 | Machine tools for home workshops | 85.7 | 125.1 | 129.6 | 113.1 | 105.6 | 66.3 | 37 303.1 | 37 371.9 |
| 35419 | Parts for metal cutting machine tools | 891.9 | 1 038.2 | 877.3 | 813.7 | 606.0 | 502.1 | 242.1 | 241.0 |
| 35410 | Machine tools, metal cutting types, n.s.k. | 168.7 | 284.0 | 241.8 | 193.3 | (S) | 163.3 | 71.4 | 82.5 |
| 3542- | Machine tools, metal forming types | 1 383.9 | 1 652.1 | 1 749.2 | 1 634.8 | 1 357.9 | 1 114.7 | 670.1 | 676.6 |
| 35421 | Punching, shearing, bending, and forming machines | 317.3 | 444.1 | 429.0 | 389.9 | 320.4 | 280.1 | 153.4 | 130.9 |
| 35422 | Presses, except forging | 369.2 | 422.7 | 498.5 | 449.5 | 369.1 | 282.6 | 183.2 | 261.3 |
| 35423 | Metal forming machine tools, n.e.c. | 217.0 | 221.4 | 238.9 | 264.4 | 220.3 | 171.7 | 149.0 | 122.9 |
| 35424 | Parts for metal forming machines | 380.0 | 498.4 | 530.8 | 482.5 | 400.5 | 295.5 | 161.5 | 125.7 |
| 35420 | Machine tools, metal forming types, n.s.k. | 100.5 | 65.5 | 52.0 | 48.5 | (S) | 85.0 | 23.0 | 35.6 |
| 3544- | Special dies, tools, jigs, and fixtures | 6 099.3 | 6 975.2 | 6 165.3 | 5 732.6 | 5 058.8 | 4 450.2 | 2 713.5 | 2 520.2 |
| 35441 | Special dies and tools, die sets, jigs, and fixtures | 3 425.9 | 4 248.3 | 3 617.3 | 3 576.3 | 3 011.5 | 2 578.0 | 1 520.1 | 381 719.8 |
| 35442 | Industrial molds | 1 800.6 | 1 545.1 | 1 497.8 | 1 281.2 | 1 151.6 | 1 040.0 | 640.3 | 39 446.2 |
| 35440 | Special dies, tools, jigs, and fixtures, n.s.k. | 872.8 | 1 181.5 | 1 050.9 | 875.8 | (S) | 832.2 | 553.1 | 354.2 |
| 3545- | Machine tool accessories | 3 069.1 | 3 854.0 | 3 531.1 | 3 205.4 | 2 676.6 | 2 238.9 | 1 151.4 | 1 222.4 |
| 35451 | Small cutting tools for machine tools | 1 755.7 | 2 352.5 | 2 199.4 | 2 023.6 | 1 651.7 | 1 376.4 | 738.0 | 770.9 |
| 35452 | Precision measuring tools | 402.7 | 517.2 | 414.7 | 360.6 | 292.7 | 208.2 | 94.7 | 130.8 |
| 35453 | Machine tool accessories, n.e.c. | 593.6 | 755.2 | 738.4 | 680.2 | 532.0 | 430.9 | 218.8 | 239.5 |
| 35450 | Machine tool accessories, n.s.k. | 317.1 | 229.1 | 178.6 | 141.0 | (S) | 223.5 | 99.9 | 81.2 |
| 3546- | Power driven hand tools³⁹ | 1 594.8 | 1 983.3 | 2 083.8 | 1 910.7 | 1 694.0 | 1 496.5 | 725.0 | (NA) |
| 35461 | Electric, including battery powered | 829.9 | 924.7 | 964.2 | 875.7 | 813.5 | 748.7 | 386.9 | (40) |
| 35462 | Pneumatic, hydraulic, and powder-actuated ⁴¹ | 382.4 | 557.0 | 504.1 | 523.7 | 439.1 | 371.1 | 320.0 | (40) |
| 35463 | Engine (internal combustion) driven ⁴¹ | 326.5 | 466.4 | 592.8 | 492.2 | 416.4 | 347.1 | 18.1 | 40 436.0 |
| 35460 | Power driven hand tools, n.s.k. | 56.0 | 35.1 | 22.6 | 19.1 | (S) | 29.6 | | |
| 3547- | Rolling mill machinery | 445.1 | 631.2 | 566.6 | 406.8 | 334.1 | 361.0 | 247.9 | (NA) |
| 35471 | Hot rolling mill machinery, except tube rolling | 180.5 | 197.9 | 228.4 | 152.7 | 111.8 | 147.0 | 134.7 | |
| 35472 | Cold rolling mill machinery | 65.1 | 130.8 | 132.2 | 106.5 | 86.8 | 74.9 | 55.6 | 330.3 |
| 35473 | Rolling mill machinery, n.e.c. | 188.2 | 278.1 | 186.3 | 128.9 | 118.7 | 120.8 | 5.2 | (42) |
| 35470 | Rolling mill machinery, n.s.k. | 11.4 | 24.3 | (S) | 18.7 | (S) | 18.3 | | |
| 3549- | Metalworking machinery, n.e.c. | 1 376.9 | 1 463.3 | 1 402.7 | 1 232.4 | 1 075.6 | 908.9 | 411.3 | (NA) |
| 35492 | Assembly machines | 367.6 | 342.4 | 288.0 | 255.0 | 225.5 | 128.4 | (43) | (43) |
| 35494 | Automotive maintenance equipment, except hand tools | 200.3 | 276.5 | 279.1 | 261.4 | 201.5 | 188.0 | 111.1 | 58.1 |
| 35495 | Metalworking machinery, n.e.c. | 330.3 | 422.4 | 469.2 | 385.7 | 336.6 | 294.9 | 43 154.5 | 43 86.2 |
| 35496 | Gas cutting and welding equipment | 226.6 | 326.9 | 275.5 | 256.4 | 239.4 | 213.7 | 93.7 | 69.6 |
| 35497 | Other welding equipment | 152.7 | | | | | | | |
| 35490 | Metalworking machinery, n.e.c., n.s.k. | 99.5 | 95.1 | 90.9 | 74.0 | (S) | 84.0 | 52.0 | 42 47.8 |
| 3551- | Food products machinery | 2 159.8 | 2 172.8 | 2 159.3 | 2 051.9 | 1 955.3 | 1 576.2 | 867.2 | 689.9 |
| 35511 | Dairy and milk products plant machinery | 176.4 | 176.8 | 204.9 | 196.2 | 175.5 | 128.5 | 57.4 | |
| 35512 | Commercial food products machinery | 479.7 | 497.2 | 542.7 | 466.4 | 400.9 | 357.2 | 185.0 | |
| 35513 | Industrial food products machinery | 620.1 | 517.6 | 495.5 | 510.0 | 543.9 | 452.0 | 296.2 | 615.3 |
| 35514 | Packing, packaging, and bottling machinery | 725.2 | 836.7 | 792.7 | 759.5 | 673.7 | 491.0 | 232.1 | |
| 35510 | Food products machinery, n.s.k. | 158.5 | 144.6 | 123.5 | 119.7 | (S) | 147.5 | 96.5 | 74.7 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendices]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|--|-----------------|-------------------|-------------------|-------------------|-------------------|-----------------|----------------|----------------|
| 3552- | Textile machinery | 965.5 | 1 144.5 | 1 123.2 | 1 057.3 | 948.7 | 857.1 | 738.1 | 652.6 |
| 35521 | Textile machinery | 454.3 | 469.4 | 474.2 | 453.4 | 418.0 | 361.6 | 373.8 | 348.8 |
| 35522 | Parts and attachments for textile machinery | 390.0 | 586.7 | 571.3 | 542.4 | 456.1 | 405.2 | 305.7 | 267.4 |
| 35520 | Textile machinery, n.s.k. | 121.3 | 88.3 | 77.7 | 61.4 | (S) | 90.3 | 58.6 | 36.4 |
| 3553- | Woodworking machinery | 656.7 | 742.6 | 693.3 | 675.7 | 645.8 | 547.3 | 339.5 | 210.6 |
| 35531 | Woodworking machinery, except for home workshop | 327.5 | 444.8 | 436.7 | 491.2 | 441.7 | 334.6 | 270.4 | 167.4 |
| 35532 | Woodworking machinery for home workshop | 262.6 | 245.4 | 204.2 | 135.3 | 155.6 | 143.6 | 51.5 | 29.1 |
| 35530 | Woodworking machinery, n.s.k. | 66.5 | 52.4 | 52.3 | 49.2 | (S) | 69.2 | 17.6 | 14.1 |
| 3554- | Paper industries machinery | 1 199.0 | 1 176.7 | 1 176.6 | 1 017.2 | 798.6 | 698.3 | 301.4 | 515.1 |
| 35541 | Paper industries machinery | 853.5 | 1 176.7 | 1 176.6 | 1 017.2 | 798.6 | 698.3 | 381.4 | 515.1 |
| 35542 | Parts for paper industries machinery | 276.1 | | | | | | | |
| 35540 | Paper industries machinery, n.s.k. | 69.4 | | | | | | | |
| 3555- | Printing trades machinery | 2 188.2 | 2 285.5 | 2 052.7 | 1 745.9 | 1 536.3 | 1 287.3 | 736.6 | 656.0 |
| 35551 | Printing presses, lithographic | 665.0 | 601.1 | 546.5 | 410.1 | 367.4 | 290.9 | 158.0 | 263.6 |
| 35552 | Printing presses, other than lithographic | 148.9 | 248.0 | 204.5 | 170.6 | 155.5 | 121.3 | 90.2 | |
| 35553 | Typesetting machinery | 303.4 | 362.7 | 357.1 | 363.5 | 321.9 | 252.8 | 104.1 | (NA) |
| 35556 | Binding machinery and equipment | 171.6 | 937.7 | 829.1 | 714.4 | 576.7 | 68.4 | 337.0 | (NA) |
| 35557 | Printing trades machinery, n.e.c. | 783.4 | | | | | | | |
| 35550 | Printing trades machinery, n.s.k. | 116.0 | | | | | | | |
| 35559 | Special industry machinery, n.e.c. | 5 353.7 | 5 297.2 | 4 996.5 | 4 482.1 | 3 944.6 | 3 465.2 | 2 295.9 | 1 670.3 |
| 35591 | Chemical manufacturing machinery | 641.3 | 563.7 | 582.2 | 518.7 | 453.5 | 436.7 | 212.5 | 284.5 |
| 35592 | Foundry machinery | 260.0 | 342.1 | 410.8 | 410.2 | 358.4 | 319.2 | 132.3 | 143.9 |
| 35593 | Plastics-working machinery | 785.7 | 963.3 | 878.8 | 939.3 | 822.6 | 669.6 | 434.1 | 247.6 |
| 35594 | Rubber-working machinery | 187.0 | 157.7 | 172.8 | 163.4 | 162.5 | 158.1 | 137.3 | 116.6 |
| 35595 | Special industry machinery, n.e.c. | 2 933.5 | 2 897.2 | 2 662.0 | 2 146.9 | 1 869.1 | 1 565.3 | 1 210.2 | 778.6 |
| 35590 | Special industry machinery, n.e.c., n.s.k. | 546.2 | 373.2 | 290.0 | 303.7 | (S) | 316.2 | 169.5 | 99.0 |
| 3561- | Pumps and pumping equipment | 5 723.1 | 6 301.1 | 5 195.2 | 4 696.6 | 4 036.9 | 3 522.8 | 1 632.9 | 1 375.0 |
| 35611 | Industrial pumps, except fluid power pumps | 1 916.9 | 2 103.0 | 1 873.3 | 1 623.5 | 1 507.7 | 1 386.7 | 611.9 | 436.9 |
| 35613 | Domestic water systems | 215.5 | 289.6 | 260.3 | 259.8 | 224.0 | 238.7 | 151.1 | 140.3 |
| 35615 | Pumps, n.e.c. | 1 048.2 | 1 253.9 | 788.0 | 727.5 | 500.6 | 395.7 | 186.4 | 126.2 |
| 35617 | Fluid power pumps, except aerospace | 648.5 | 834.7 | 697.6 | 717.6 | 607.3 | 488.9 | 261.6 | 218.6 |
| 35618 | Aerospace fluid power pumps | 81.3 | | | | | | | |
| 3561A | Parts for fluid power pumps, except aerospace | 218.6 | | | | | | | |
| 3561B | Parts for aerospace fluid power pumps | 103.8 | 1 701.7 | 1 479.2 | 1 264.6 | 996.9 | 861.6 | 346.5 | 383.6 |
| 3561C | Parts for pumps, except fluid power | 1 298.9 | | | | | | | |
| 35610 | Pumps and compressors, n.s.k. | 191.4 | 118.2 | 96.9 | 103.6 | (S) | 166.1 | 75.4 | 69.4 |
| 3562- | Ball and roller bearings | 2 973.1 | 3 759.8 | 3 351.6 | 3 315.5 | 2 794.5 | 2 444.5 | 1 418.7 | 1 292.0 |
| 35621 | Ball bearings, unmounted | 1 087.1 | 1 344.9 | 1 200.0 | 1 065.7 | 861.8 | 749.9 | 474.2 | 472.7 |
| 35622 | Tapered roller bearings, unmounted | 710.9 | 972.7 | 911.1 | 989.7 | 829.6 | 748.6 | 420.0 | 367.7 |
| 35623 | Roller bearings, except tapered, unmounted | 614.1 | 709.6 | 626.4 | 602.4 | 539.2 | 472.9 | 280.9 | 225.0 |
| 35624 | Mounted bearings, except plain | 241.7 | 275.8 | 262.0 | 262.9 | 225.5 | 213.1 | 100.9 | 96.0 |
| 35629 | Parts for ball and roller bearings | 298.4 | 403.3 | 344.4 | 383.9 | 317.4 | 243.1 | 138.2 | 118.7 |
| 35620 | Ball and roller bearings, n.s.k. | 20.9 | 53.5 | 7.6 | 10.9 | 20.9 | 16.8 | 4.5 | 12.1 |
| 3563- | Air and gas compressors | 2 846.2 | 2 962.8 | 2 693.1 | 2 449.1 | 2 182.7 | 1 923.4 | 722.7 | (NA) |
| 35631 | Air and gas compressors and vacuum pumps | 1 677.1 | 1 724.1 | 1 552.7 | 1 470.9 | 1 362.2 | 1 293.0 | 480.8 | 501.0 |
| 35632 | Parts for air and gas compressors | 652.7 | 649.8 | 647.9 | 562.9 | 502.9 | 384.1 | 148.4 | (NA) |
| 35635 | Industrial spraying equipment | 442.0 | 537.6 | 466.8 | 387.6 | 287.6 | 221.6 | 93.5 | 71.3 |
| 35630 | Air and gas compressors, n.s.k. | 74.4 | 51.3 | 25.7 | 27.7 | 30.0 | 27.4 | - | (NA) |
| 3564- | Blowers and fans | 1 994.5 | 1 877.7 | 1 901.9 | 1 702.9 | 1 511.4 | 1 422.3 | 682.0 | 499.1 |
| 35643 | Centrifugal fans and blowers | 556.9 | 500.0 | 526.0 | 501.8 | 407.0 | 354.1 | 181.0 | 294.9 |
| 35644 | Propeller and axial fans, and power roof ventilators | 464.8 | 451.2 | 452.1 | 402.1 | 353.3 | 303.3 | 159.9 | |
| 35645 | Air purification equipment for environmental systems | 425.5 | 392.2 | 411.9 | 340.9 | 302.9 | 260.7 | 121.3 | 182.5 |
| 35646 | Air purification equipment for industrial gases | 425.6 | 339.8 | 367.6 | 337.9 | 351.7 | 381.7 | 198.0 | |
| 35640 | Blowers and fans, n.s.k. | 121.7 | 194.5 | 144.3 | 120.1 | (S) | 122.5 | 21.8 | 21.7 |
| 35650 | Industrial patterns, except shoe patterns | 561.5 | 565.6 | 552.2 | 545.5 | 438.7 | 411.9 | 234.4 | 233.7 |
| 35660 | Speed changers, drives, and gears | 1 557.4 | 1 652.7 | 1 671.3 | 1 487.0 | 1 253.6 | 1 199.7 | 593.0 | 569.3 |
| 3567- | Industrial furnaces and ovens | 1 026.8 | 1 080.0 | 1 042.1 | 950.4 | 793.7 | 707.1 | 341.1 | 415.9 |
| 35671 | Electric industrial furnaces, ovens, and kilns | 295.2 | 204.0 | 225.2 | 191.8 | 175.3 | 140.3 | 67.5 | 90.8 |
| 35672 | Fuel-fired industrial furnaces, ovens, and kilns | 248.6 | 280.0 | 277.7 | 250.0 | 178.1 | 144.4 | 97.2 | 155.7 |
| 35674 | High frequency induction and dielectric heating equipment | 131.9 | 180.7 | 183.9 | 192.0 | 141.6 | 133.4 | 147.0 | 149.1 |
| 35675 | Electrical heating equipment for industrial use, n.e.c. | 289.1 | 295.3 | 257.8 | 232.5 | 211.5 | 204.1 | | |
| 35670 | Industrials furnaces and ovens, n.s.k. | 62.0 | 119.9 | 97.4 | 84.0 | 87.2 | 84.9 | 29.4 | 20.3 |
| 3568- | Power transmission equipment, n.e.c. | 1 985.6 | 2 606.3 | 2 436.8 | 2 291.8 | 2 028.1 | 1 710.9 | 975.0 | 604.5 |
| 35681 | Plain bearings and bushings | 385.0 | 451.1 | 424.0 | 359.8 | 318.2 | 275.1 | 121.0 | (NA) |
| 35683 | Mechanical power transmission equipment, n.e.c. | 1 556.3 | 2 116.0 | 1 980.5 | 1 918.7 | 1 696.5 | 1 419.1 | 854.0 | (NA) |
| 35680 | Power transmission equipment, n.e.c., n.s.k. | 44.3 | 39.1 | 32.3 | 13.3 | 13.4 | 16.6 | - | (NA) |
| 3569- | General industrial machinery, n.e.c. | 4 410.7 | 4 264.1 | 4 008.1 | 3 560.8 | 3 051.4 | 2 689.4 | 1 132.8 | 899.8 |
| 35691 | Packing, packaging, and bottling machinery | 885.2 | 650.5 | 590.1 | 554.0 | 517.9 | 440.5 | 177.4 | (NA) |
| 35693 | Filters and strainers, except fluid power | 1 137.4 | | | | | | | |
| 35694 | Filters for hydraulic fluid power systems, excluding aircraft type | 114.5 | | | | | | | |
| 35695 | Filters for pneumatic fluid power systems, excluding aircraft type | 60.2 | 1 098.1 | 972.8 | 871.5 | 740.9 | 630.0 | 275.4 | (NA) |
| 35696 | Filters for aircraft fluid power (hydraulic and pneumatic) systems | 41.0 | | | | | | | |
| 35699 | General industrial machinery, n.e.c. | 1 680.4 | 2 102.4 | 2 055.1 | 1 786.2 | 1 461.6 | 1 311.6 | 535.5 | (NA) |
| 35690 | General industrial machinery, n.e.c., n.s.k. | 492.0 | 413.0 | 390.1 | 349.1 | (S) | 307.3 | 144.5 | (NA) |
| 3573- | Electronic computing equipment | 34 750.7 | 30 157.3 | 25 657.9 | 20 398.7 | 15 768.7 | 12 673.2 | 6 108.0 | 4 048.8 |
| 35731 | Electronic computers | 10 927.6 | 10 700.5 | 8 281.1 | 6 972.3 | 5 391.4 | 3 546.9 | 1 884.3 | 3 123.9 |
| 35732 | Peripheral equipment for computers | 14 662.4 | 13 859.0 | 11 666.3 | 9 031.0 | 6 835.9 | 6 087.9 | 2 745.3 | |
| 35734 | Parts produced by complete machine manufacturers | 6 974.0 | 4 462.3 | 4 743.2 | 3 825.9 | 3 021.5 | 2 414.2 | 1 403.2 | 906.4 |
| 35735 | Parts produced by others | 1 327.8 | 654.5 | 506.1 | 330.7 | 400.4 | 419.6 | | |
| 35730 | Electronic computing equipment, n.s.k. | 658.9 | 481.0 | 461.2 | 238.8 | (S) | 204.6 | 75.2 | 18.5 |
| 3574- | Calculating and accounting machines | 1 397.6 | 1 377.1 | 1 232.6 | 1 169.6 | 890.5 | 836.2 | 694.2 | 630.8 |
| 35743 | Accounting machines and cash registers | 952.6 | 790.1 | 691.0 | 669.3 | 425.5 | 402.9 | (D) | (NA) |
| 35744 | Calculators and adding machines | 250.5 | 499.5 | 473.5 | 442.0 | 403.2 | 369.5 | (D) | (NA) |
| 35745 | Parts for calculating and accounting machines | 182.0 | 75.9 | 63.4 | 54.1 | 53.9 | 59.0 | (D) | 131.7 |
| 35740 | Calculating and accounting machines, n.s.k. | 12.6 | 11.6 | 4.7 | 4.2 | 7.9 | 4.8 | 11.0 | 34.8 |
| 35760 | Scales and balances, except laboratory | 545.2 | 480.1 | 482.4 | 443.3 | 422.1 | 328.9 | 182.1 | 131.4 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|--|-----------------|-------------------|-------------------|-------------------|-------------------|----------------|----------------|----------------|
| 3579- | Office machines, n.e.c., and typewriters | 3 512.3 | 3 459.4 | 3 246.4 | 2 755.8 | 2 422.3 | 2 020.3 | 1 046.9 | 925.8 |
| 35792 | Automatic typing and word processing | 1 491.5 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 35793 | Duplicating | 158.8 | 187.3 | 198.8 | 218.9 | 186.7 | 199.7 | (NA) | (NA) |
| 35795 | Mailing, letter handling, and addressing | 387.8 | 406.8 | 362.6 | 334.3 | 319.3 | 235.3 | (NA) | (NA) |
| 35799 | Standard typewriters and office machines, n.e.c. | 1 122.6 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 3579A | Parts for office machines, n.e.c. | 306.7 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 35790 | Office machines, n.e.c., n.s.k. | 44.9 | 33.9 | 35.7 | 59.8 | (NA) | 38.0 | 18.0 | 18.8 |
| 3581- | Automatic merchandising machines | 445.7 | 515.2 | 479.7 | 487.4 | 468.7 | 396.2 | 306.3 | 261.3 |
| 35811 | Automatic merchandising machines | 334.1 | 372.3 | 343.3 | 366.7 | 347.6 | 294.9 | 231.5 | 198.3 |
| 35812 | Parts for automatic merchandising machines | 96.2 | 128.8 | 119.8 | 108.8 | 104.9 | 84.3 | 61.1 | 45.5 |
| 35810 | Automatic merchandise machines, n.s.k. | 15.5 | 14.1 | 16.6 | 11.9 | 16.2 | 17.0 | 13.7 | 17.4 |
| 35820 | Commercial laundry equipment | 338.7 | 325.4 | 333.4 | 303.7 | 281.8 | 233.6 | 185.3 | (NA) |
| 3585- | Refrigeration and heating equipment | 11 035.6 | 11 513.8 | 10 252.9 | 10 939.1 | 10 158.4 | 8 501.7 | 6 232.1 | 3 695.4 |
| 35851 | Heat transfer equipment | 2 908.0 | 3 040.9 | 2 771.5 | 3 054.9 | 2 689.6 | 2 251.2 | 1 680.5 | 903.2 |
| 35852 | Unitary air conditioners | 1 972.1 | 2 296.1 | 2 035.3 | 2 188.9 | 2 047.1 | 1 673.0 | 1 070.6 | 530.1 |
| 35853 | Commercial refrigerators | 1 070.8 | 1 105.9 | 1 041.9 | 977.9 | 857.0 | 759.4 | 482.3 | 341.5 |
| 35854 | Compressors and compressor units | 1 734.7 | 1 973.8 | 1 771.8 | 1 965.9 | 1 825.2 | 1 580.3 | 1 065.4 | 494.5 |
| 35855 | Refrigeration condensing units | 196.9 | 195.9 | 205.3 | 197.1 | 189.5 | 175.6 | 146.8 | 73.3 |
| 35856 | Room air conditioners and dehumidifiers | 897.5 | 1 064.8 | 912.8 | 957.9 | 925.6 | 720.4 | 679.6 | 553.3 |
| 35859 | Refrigeration and air conditioning equipment, n.e.c. | 428.9 | | | | | | | |
| 3585A | Warm air furnaces and humidifiers | 426.3 | 1 688.9 | 1 409.2 | 1 470.9 | 1 329.7 | 1 090.6 | 954.5 | 711.3 |
| 3585B | Parts for refrigeration and heating equipment | 871.9 | | | | | | | |
| 35850 | Refrigeration and heating equipment, n.s.k. | 528.5 | 147.5 | 104.9 | 125.7 | 294.7 | 251.3 | 152.4 | 88.2 |
| 35860 | Measuring and dispensing pumps | 590.7 | 546.3 | 539.6 | 440.7 | 316.6 | 265.6 | 183.4 | 139.3 |
| 3589- | Service industry machinery, n.e.c. | 2 550.4 | 2 274.3 | 2 247.0 | 2 001.5 | 1 965.6 | 1 687.6 | 864.4 | 539.8 |
| 35891 | Commercial cooking and food warming equipment | 609.0 | 600.5 | 550.5 | 505.1 | 462.4 | 386.0 | 217.0 | 158.2 |
| 35892 | Service industry machines and parts | 1 568.4 | 1 332.4 | 1 423.7 | 1 281.5 | 1 145.4 | 1 059.2 | 496.5 | 305.3 |
| 35893 | Commercial and industrial vacuum cleaners | 192.9 | 180.2 | 156.8 | 122.8 | 148.1 | 109.4 | 62.7 | 26.0 |
| 35890 | Service industry machinery, n.e.c., n.s.k. | 180.1 | 161.2 | 116.0 | 92.1 | 209.7 | 132.9 | 88.2 | 50.3 |
| 3592- | Carburetors, pistons, rings, and valves | 1 908.1 | 2 028.7 | 1 668.0 | 1 775.3 | 1 506.6 | 1 298.5 | 793.9 | 512.7 |
| 35921 | Carburetors, new and rebuilt | 1 028.7 | 1 196.3 | 968.7 | 959.5 | 778.7 | 642.0 | 355.3 | 189.9 |
| 35922 | Pistons, piston rings, and piston pins (engine) | 494.2 | 523.5 | 434.1 | 498.7 | 411.0 | 372.2 | 229.3 | 199.2 |
| 35923 | Valves (engine intake and exhaust) | 325.1 | 271.9 | 229.0 | 285.9 | 289.0 | 257.5 | 196.6 | 107.8 |
| 35920 | Carburetors, pistons, rings, and valves, n.s.k. | 60.1 | 37.1 | 36.2 | 31.2 | 27.9 | 26.9 | 12.7 | 15.8 |
| 3599- | Machinery, except electrical, n.e.c. | 11 697.8 | 12 887.4 | 11 588.4 | 9 859.0 | 7 839.7 | 6 441.0 | 3 363.3 | 2 753.0 |
| 35994 | Miscellaneous machinery products | 1 582.4 | 1 048.7 | 848.0 | 840.8 | 736.4 | 676.9 | 442.5 | 702.3 |
| 35995 | Receipts for machine shop job work | 5 594.5 | 8 010.4 | 7 448.3 | 6 479.8 | 4 395.8 | 3 338.1 | 1 425.8 | 1 080.0 |
| 35996 | Hydraulic and pneumatic cylinders, except aerospace | 552.9 | | | | | | | |
| 35997 | Hydraulic and pneumatic rotary actuators, accumulators, etc. | 87.9 | 1 051.8 | 796.9 | 717.4 | 546.4 | 456.1 | 189.2 | 127.5 |
| 35998 | Aerospace type hydraulic and pneumatic cylinders and related items | 310.1 | | | | | | | |
| 35999 | Parts for hydraulic and pneumatic cylinders, etc. | 144.9 | | | | | | | |
| 35990 | Machinery, except electrical, n.e.c., n.s.k. | 3 425.1 | 2 776.6 | 2 495.2 | 1 821.0 | 2 161.1 | 1 969.9 | 1 305.8 | 843.2 |
| 3612- | Transformers | 2 772.6 | 2 999.4 | 2 765.1 | 2 537.8 | 2 371.1 | 2 117.8 | 1 436.1 | 1 161.0 |
| 36122 | Power and distribution transformers | 1 554.0 | 1 678.1 | 1 597.0 | 1 523.8 | 1 423.6 | 1 320.9 | 913.9 | 790.3 |
| 36124 | Fluorescent lamp ballasts | 312.1 | 336.6 | 331.4 | 318.9 | 231.7 | 210.7 | 160.6 | 118.8 |
| 36125 | Specialty transformers | 545.1 | 598.1 | 522.2 | 421.9 | 428.0 | 342.8 | 225.3 | 116.4 |
| 36127 | Other transformers, including parts for all transformers | 243.2 | 299.8 | 255.1 | 194.1 | 217.2 | 168.1 | 111.4 | 120.6 |
| 36120 | Transformers, n.s.k. | 118.2 | 86.7 | 59.3 | 79.3 | 71.1 | 75.3 | 24.9 | 14.9 |
| 3613- | Switchgear and switchboard apparatus | 4 760.6 | 4 828.8 | 4 477.0 | 4 074.8 | 3 682.2 | 3 298.4 | 2 058.8 | 1 598.5 |
| 36132 | Power circuit breakers, all voltages | 394.6 | 366.3 | 377.6 | 344.6 | 291.1 | 261.2 | 182.7 | 209.8 |
| 36133 | Low voltage panelboards and distribution boards | 1 299.5 | 1 314.9 | 1 248.9 | 1 170.2 | 1 039.1 | 878.2 | 539.0 | 378.0 |
| 36134 | Fuses and fuse equipment, less than 2300 volts | 280.6 | 292.2 | 308.0 | 236.8 | 189.3 | 201.6 | 99.7 | 69.2 |
| 36135 | Molded case circuit breakers, 750 volts or less | 711.1 | 834.7 | 707.6 | 647.6 | 614.7 | 492.0 | 283.0 | 170.2 |
| 36136 | Duct, including plug-in units, 750 volts or less | 162.5 | 176.7 | 172.3 | 142.5 | 104.6 | 88.5 | 65.7 | 62.8 |
| 36138 | Relays, switchgear | 497.1 | | | | | | | |
| 36139 | Switchgear, except ducts and relays | 1 230.5 | 1 718.7 | 1 550.0 | 1 428.5 | 1 343.5 | 1 197.7 | 820.5 | 649.4 |
| 36130 | Switchgear and switchboard apparatus, n.s.k. | 184.8 | 125.3 | 112.7 | 104.6 | 99.9 | 179.3 | 68.2 | 59.3 |
| 3621- | Motors and generators | 6 724.6 | 7 292.8 | 6 525.7 | 6 436.3 | 5 860.1 | 4 976.2 | 2 635.7 | 2 319.0 |
| 36211 | Fractional horsepower motors | 2 518.7 | 2 706.2 | 2 472.2 | 2 648.9 | 2 395.0 | 1 956.3 | 1 137.7 | 842.5 |
| 36212 | Integral horsepower motors and generators | 1 454.2 | 1 600.9 | 1 502.4 | 1 417.1 | 1 241.8 | 1 163.0 | 567.7 | 569.5 |
| 36213 | Land transportation motors and generators | 460.2 | 523.0 | 476.1 | 435.0 | 244.6 | 205.7 | 106.3 | 133.4 |
| 36214 | Prime mover generator sets | 961.5 | 1 131.5 | 907.3 | 776.2 | 802.6 | 643.9 | 247.3 | 232.7 |
| 36217 | Motor generator sets, fractional | 264.5 | 414.4 | 357.9 | 320.0 | 338.7 | 274.5 | 228.8 | |
| 36218 | Motor generator sets, integral | 379.3 | 349.4 | 313.8 | 317.6 | 270.9 | 288.1 | 122.9 | 345.6 |
| 36219 | Parts for motors and generators | 510.6 | 530.1 | 455.3 | 464.1 | 454.3 | 354.0 | 188.6 | 158.6 |
| 36210 | Motors and generators, n.s.k. | 175.6 | 37.4 | 40.7 | 57.3 | 112.2 | 90.7 | 36.4 | 36.6 |
| 3622- | Industrial controls | 4 376.1 | 4 386.6 | 3 976.5 | 3 463.9 | 2 997.0 | 2 429.1 | 1 249.6 | 1 671.4 |
| 36221 | Specific purpose industrial controls | 1 406.7 | | | | | | | |
| 36222 | General purpose industrial controls | 2 171.8 | 4 386.6 | 3 976.5 | 3 463.9 | 2 997.0 | 2 429.1 | 1 245.6 | 1 071.4 |
| 36223 | Parts for industrial controls | 344.5 | | | | | | | |
| 36220 | Industrial controls, n.s.k. | 453.1 | | | | | | | |
| 3623- | Welding apparatus, electric | 1 231.6 | 1 654.5 | 1 430.0 | 1 349.1 | 1 204.9 | 1 035.0 | 570.0 | 432.9 |
| 36231 | Arc welding machines, components, and accessories | 511.6 | 745.3 | 617.6 | 575.4 | 501.5 | 407.8 | 218.5 | 140.1 |
| 36232 | Arc welding electrodes, metal | 469.6 | 642.0 | 571.5 | 547.7 | 484.6 | 447.6 | 215.5 | 166.3 |
| 36233 | Resistance welders, components, accessories | 187.8 | 225.5 | 190.7 | 214.0 | (S) | 136.9 | 115.1 | 88.0 |
| 36230 | Welding apparatus, electric, n.s.k. | 62.7 | 41.7 | 50.2 | 12.0 | (S) | 42.7 | 20.9 | 37.9 |
| 3624- | Carbon and graphite products | 900.9 | 1 208.3 | 1 149.1 | 1 032.0 | 800.5 | 663.0 | 335.9 | 295.8 |
| 36241 | Electrodes | 440.5 | 761.9 | 726.2 | 635.1 | 464.4 | 362.0 | 136.9 | 147.6 |
| 36249 | Carbon and graphite products, n.e.c. | 433.6 | 422.5 | 396.9 | 389.0 | 326.7 | 293.1 | 193.8 | 140.7 |
| 36240 | Carbon and graphite products, n.s.k. | 26.8 | 23.9 | 26.0 | 7.9 | 9.4 | 7.9 | 5.2 | 7.5 |
| 3629- | Electrical industrial apparatus, n.e.c. | 1 003.1 | 986.1 | 955.5 | 907.8 | 850.0 | 699.1 | 442.9 | 398.5 |
| 36291 | Capacitors for industrial use | 190.0 | 247.7 | 253.9 | 221.7 | 202.2 | 154.8 | 112.4 | 112.5 |
| 36292 | Rectifying apparatus | 524.8 | 329.8 | 336.1 | 349.7 | 348.5 | 310.2 | 152.6 | 131.6 |
| 36293 | Electrical equipment for industrial use, n.e.c. | 213.0 | 339.0 | 298.4 | 262.9 | 237.1 | 182.2 | 145.9 | 135.1 |
| 36290 | Electrical industrial apparatus, n.e.c., n.s.k. | 75.3 | 69.6 | 67.2 | 73.5 | 62.2 | 51.9 | 32.0 | 19.4 |
| 3631- | Household cooking equipment | 2 346.3 | 2 477.2 | 2 329.7 | 2 212.1 | 2 089.2 | 1 818.8 | 1 027.0 | 632.1 |
| 36311 | Electric ranges, ovens, and surface units | 1 543.2 | 1 726.4 | 1 618.9 | 1 493.2 | 1 438.8 | 1 232.5 | 582.8 | 340.8 |
| 36313 | Gas household ranges, ovens, and surface cooking units | 418.8 | 415.6 | 403.3 | 439.7 | 397.2 | 349.1 | | |
| 36314 | Other household ranges and cooking equipment | 370.6 | 326.5 | 298.6 | 270.5 | 226.4 | 215.8 | 440.5 | 289.2 |
| 36310 | Household cooking equipment, n.s.k. | 13.7 | 8.6 | 8.8 | 8.7 | 26.8 | 21.4 | 3.7 | 2.1 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendices]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|---|-----------------|-------------------|-------------------|-------------------|-------------------|-----------------|----------------|----------------|
| 3632- | Household refrigerators and freezers | 2 201.7 | 2 402.9 | 2 201.7 | 2 314.4 | 2 044.8 | 2 005.6 | 1 419.4 | 987.4 |
| 36321 | Household refrigerators | 1 786.9 | 1 954.4 | 1 785.0 | 1 881.3 | 1 722.1 | 1 644.4 | 1 207.8 | 841.0 |
| 36322 | Food freezers, household | 311.2 | 384.3 | 360.3 | 387.8 | 273.1 | 296.0 | 199.8 | 142.8 |
| 36323 | Parts for refrigerators and freezers | 92.0 | 45.1 | 38.7 | 33.7 | 49.0 | 61.8 | (NA) | (NA) |
| 36320 | Household refrigerators and freezers, n.s.k. | 11.6 | 19.0 | 17.7 | (S) | (S) | 3.4 | 11.8 | 3.6 |
| 3633- | Household laundry equipment | 1 800.2 | 1 881.4 | 1 795.7 | 1 883.4 | 1 782.4 | 1 697.3 | 1 289.9 | 990.6 |
| 36331 | Household washing machines and dryers | 1 515.6 | 1 610.4 | 1 548.6 | 1 625.9 | 1 568.9 | 1 460.3 | 1 138.5 | 843.2 |
| 36333 | Household laundry equipment, n.e.c. | 281.1 | 266.3 | 247.0 | 254.0 | 211.8 | 235.9 | 148.7 | 142.7 |
| 36330 | Household laundry equipment, n.s.k. | 3.4 | 4.7 | .1 | 3.5 | 1.6 | 1.1 | 2.7 | 4.7 |
| 3634- | Electric housewares and fans | 2 845.6 | 2 874.1 | 3 093.7 | 2 730.4 | 2 371.7 | 2 304.0 | 1 448.0 | 1 071.3 |
| 36341 | Electric fans, except industrial type | 592.3 | 648.7 | 700.6 | 496.1 | 341.9 | 257.0 | 127.7 | 123.6 |
| 36345 | Small electric household appliances | 1 977.3 | 1 997.8 | 2 135.9 | 2 040.7 | 1 837.2 | 1 846.2 | 1 185.9 | 865.9 |
| 36349 | Parts for small appliances | 210.6 | 167.3 | 187.2 | 160.1 | 128.6 | 148.4 | 79.0 | 60.3 |
| 36340 | Electric housewares and fans, n.s.k. | 65.4 | 60.3 | 70.0 | 33.5 | 63.9 | 52.4 | 55.4 | 21.5 |
| 36350 | Household vacuum cleaners | 905.8 | 831.0 | 817.1 | 860.2 | 758.1 | 710.4 | 439.2 | 254.5 |
| 3636- | Sewing machines | 231.0 | 241.1 | 328.4 | 323.2 | 271.6 | 260.4 | 152.1 | 116.8 |
| 36361 | Household sewing machines and parts | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 36362 | Industrial sewing machines | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| 36360 | Sewing machines, n.s.k. | 22.8 | - | - | (D) | (S) | 22.9 | 152.1 | 116.8 |
| 3639- | Household appliances, n.e.c. | 1 541.0 | 1 702.4 | 1 606.4 | 1 702.2 | 1 489.8 | 1 383.0 | 816.5 | 510.3 |
| 36391 | Household water heaters, electric | 300.8 | 313.3 | 288.7 | 273.9 | 222.5 | 222.5 | 119.9 | 63.4 |
| 36392 | Household water heaters, except electric | 390.5 | 379.7 | 348.0 | 340.5 | 277.5 | 281.6 | 179.5 | 130.1 |
| 36394 | Dishwashers, food waste disposers, trash compactors, floor waxers, and polishers | 687.4 | 768.6 | 754.5 | 886.4 | 789.3 | 721.8 | 504.3 | 298.6 |
| 36399 | Household appliances, n.e.c. | 140.7 | 216.3 | 189.9 | 184.5 | 175.1 | 139.8 | | |
| 36390 | Household appliances, n.e.c., n.s.k. | 21.6 | 24.5 | 25.3 | 16.9 | 18.5 | 17.3 | 12.8 | 18.2 |
| 36410 | Electric lamps (bulbs only) | 2 025.9 | 2 041.9 | 2 050.3 | 2 143.0 | 1 894.2 | 1 630.2 | 1 069.1 | 756.4 |
| 3643- | Current-carrying wiring devices | 2 761.4 | 2 858.5 | 2 703.9 | 2 561.3 | 2 023.9 | 1 824.9 | 1 206.8 | 789.8 |
| 36431 | Lampholders | 154.7 | | | | | | | |
| 36432 | Convenience and power outlets | 169.5 | | | | | | | |
| 36433 | Switches for electrical circuitry | 965.5 | | | | | | | |
| 36434 | Metal contacts | 164.3 | | | | | | | |
| 36435 | Wire connectors for electrical circuitry | 591.6 | 2 858.5 | 2 703.9 | 2 561.3 | 2 023.9 | 1 824.9 | 1 206.8 | 789.8 |
| 36436 | Current-carrying wiring devices, n.e.c. | 569.5 | | | | | | | |
| 36430 | Current-carrying wiring devices, n.s.k. | 146.3 | | | | | | | |
| 3644- | Noncurrent-carrying wiring devices | 2 082.3 | 2 158.6 | 2 008.3 | 1 966.2 | 1 574.2 | 1 315.5 | 832.7 | 548.6 |
| 36441 | Pole and transmission line hardware | 415.5 | 453.5 | 432.8 | 393.5 | 300.0 | 276.2 | 222.3 | 130.2 |
| 36442 | Electrical conduit and conduit fittings | 1 021.3 | 1 057.2 | 993.1 | 1 010.8 | 634.4 | 634.4 | 393.7 | 306.9 |
| 36443 | Noncurrent-carrying wiring devices, n.e.c. | 574.6 | 620.6 | 547.9 | 503.9 | 412.0 | 342.7 | 195.9 | 98.6 |
| 36440 | Noncurrent-carrying wiring devices, n.s.k. | 70.9 | 27.3 | 34.5 | 58.0 | 91.4 | 62.2 | 20.8 | 12.8 |
| 3645- | Residential lighting fixtures | 1 289.7 | 1 245.5 | 1 202.4 | 1 170.9 | 1 107.0 | 974.6 | 746.1 | 457.8 |
| 36451 | Residential lighting fixtures, except portable | 469.8 | 506.8 | 523.0 | 559.8 | 528.5 | 461.0 | 291.9 | 190.5 |
| 36457 | Portable residential type lighting fixtures | 628.9 | 643.6 | 586.0 | 513.7 | 454.0 | 389.6 | 320.9 | 176.3 |
| 36450 | Residential lighting fixtures, n.s.k. | 191.0 | 95.1 | 93.4 | 97.3 | 124.5 | 124.0 | 133.3 | 91.0 |
| 3646- | Commercial lighting fixtures | 1 720.8 | 1 676.7 | 1 460.1 | 1 322.4 | 1 068.4 | 935.0 | 701.8 | (NA) |
| 36462 | Commercial and institutional lighting fixtures | 1 279.2 | 1 162.7 | 1 027.9 | 954.2 | 745.4 | 653.6 | 527.2 | 385.4 |
| 36463 | Industrial type lighting fixtures | 361.8 | 480.1 | 405.0 | 336.8 | 279.1 | 243.0 | 162.6 | 120.6 |
| 36460 | Commercial lighting fixtures, n.s.k. | 79.8 | 33.9 | 27.2 | 31.4 | 43.9 | 38.4 | 12.0 | (NA) |
| 36470 | Vehicular lighting equipment | 668.3 | 605.6 | 590.9 | 655.8 | 727.8 | 646.1 | 358.1 | 226.1 |
| 3648- | Lighting equipment, n.e.c. | 1 170.3 | 1 100.4 | 990.7 | 888.2 | 797.1 | 674.7 | 488.0 | (NA) |
| 36485 | Outdoor lighting equipment | 706.5 | 707.5 | 643.6 | 545.4 | 457.5 | 392.0 | 316.5 | 199.2 |
| 36489 | Lighting equipment, n.e.c. | 383.0 | 328.6 | 284.3 | 280.7 | 281.3 | 222.4 | 164.7 | 122.6 |
| 36480 | Lighting equipment, n.e.c., n.s.k. | 80.8 | 64.3 | 62.8 | 62.1 | 58.3 | 60.3 | 6.8 | (NA) |
| 3651- | Radio and TV receiving sets | 5 415.1 | 5 634.5 | 5 608.6 | 5 488.7 | 5 484.4 | 4 730.8 | 3 609.7 | 3 568.2 |
| 36511 | Home, portable, and automobile radios | 783.4 | 745.3 | 761.1 | 919.7 | 915.8 | 811.6 | 754.5 | 697.4 |
| 36512 | Television receivers | 3 386.0 | 3 499.2 | 3 332.6 | 2 974.9 | 2 802.0 | 2 450.9 | 2 148.7 | 2 259.7 |
| 36514 | Consumer high fidelity components | 312.0 | 425.7 | 569.3 | 615.3 | 745.5 | 558.3 | 373.4 | 396.1 |
| 36515 | Speaker systems, microphones, etc. | 783.9 | 800.2 | 804.0 | 851.9 | 909.4 | 753.9 | 249.2 | 184.8 |
| 36510 | Radio and TV receiving sets, n.s.k. | 149.8 | 164.0 | 141.6 | 126.9 | (S) | 156.1 | 83.9 | 30.2 |
| 3652- | Phonograph records and prerecorded tape | 1 695.0 | 1 463.5 | 1 400.4 | 1 100.2 | 1 486.1 | 1 138.7 | 537.3 | 271.0 |
| 36521 | Records, record blanks, prerecorded audio tapes, and video discs | 1 259.2 | | | | | | | |
| 36522 | Magnetic tapes and discs with computer or word processor programs | 207.6 | 1 463.5 | 1 400.4 | 1 100.2 | 1 486.1 | 1 138.7 | 537.3 | 271.0 |
| 36520 | Phonograph records and prerecorded tapes, n.s.k. | 228.2 | | | | | | | |
| 3661- | Telephone and telegraph apparatus | 11 886.9 | 12 176.5 | 11 161.8 | 9 676.8 | 8 003.2 | 7 118.7 | 3 973.9 | 2 248.2 |
| 36611 | Telephone switching and switchboard equipment | 4 569.4 | 4 440.8 | 4 268.2 | 3 729.0 | 3 162.8 | 2 827.1 | 1 568.1 | 840.4 |
| 36612 | Telephone and telegraph (wire) apparatus | 7 078.9 | 7 638.6 | 6 802.6 | 5 839.9 | 4 692.7 | 4 174.5 | 2 376.6 | 1 399.0 |
| 36610 | Telephone and telegraph apparatus, n.s.k. | 238.6 | 97.0 | 91.0 | 108.0 | (S) | 117.2 | 29.2 | 8.8 |
| 3662- | Radio and TV communication equipment | 32 217.1 | 26 709.6 | 23 116.1 | 18 582.0 | 16 073.6 | 14 051.0 | 8 376.6 | 7 482.2 |
| 36621 | Communication equipment, except broadcast | 6 995.7 | 5 870.3 | 5 260.9 | 4 281.5 | 3 788.8 | 3 344.4 | (NA) | (NA) |
| 36622 | Broadcast, studio, and related equipment | 1 591.4 | 1 366.2 | 1 148.1 | 902.1 | 706.8 | 568.4 | (NA) | (NA) |
| 36624 | Alarm systems | 827.9 | (44) | (44) | (44) | (44) | (44) | (NA) | (NA) |
| 36625 | Search and detection, navigation, and guidance equipment | 18 092.3 | 14 668.5 | 12 557.9 | 9 857.5 | 8 313.3 | 7 428.1 | (NA) | (NA) |
| 36626 | Traffic control equipment | 418.3 | (44) | (44) | (44) | (44) | (44) | (NA) | (NA) |
| 36628 | Intercommunication equipment | 163.8 | 441 410.8 | 441 230.3 | 441 114.0 | 44874.1 | 44851.9 | 336.2 | 231.0 |
| 36629 | Electronic systems and equipment, n.e.c. | 3 021.9 | 2 961.6 | 2 558.5 | 2 112.2 | 1 717.6 | 1 348.6 | (NA) | (NA) |
| 36620 | Radio and TV communication equipment, n.s.k. | 1 105.7 | 432.2 | 360.4 | 314.7 | (S) | 509.7 | (NA) | 196.9 |
| 3671- | Electron tubes | 1 854.2 | 1 810.7 | 1 774.1 | 1 525.6 | 1 427.5 | 1 269.5 | 1 189.4 | 1 380.3 |
| 36711 | Receiving tubes, except cathode ray | 44.8 | 61.1 | 85.4 | 91.0 | (D) | 104.0 | 189.6 | 253.1 |
| 36712 | Cathode ray picture tubes | 828.2 | 889.5 | 927.8 | 770.6 | 722.1 | 603.5 | 633.6 | 765.6 |
| 36713 | Transmittal and special purpose tubes | 962.1 | 855.8 | 753.9 | 660.1 | (D) | 544.6 | 366.2 | 361.6 |
| 36710 | Electron tubes, n.s.k. | 19.1 | 4.2 | 7.0 | 3.9 | 4.9 | 17.4 | - | - |
| 3674- | Semiconductors and related devices | 11 215.4 | 10 369.5 | 9 454.6 | 7 355.5 | 5 614.8 | 4 532.3 | 2 360.8 | 1 162.0 |
| 36741 | Integrated microcircuits | 7 298.4 | 6 793.1 | 6 767.7 | 4 660.5 | 3 511.3 | 2 697.1 | 1 267.8 | 247.5 |
| 36742 | Transistors | 596.1 | 633.4 | 606.7 | 570.7 | 494.3 | 462.6 | 413.6 | 447.0 |
| 36743 | Diodes and rectifiers | 506.2 | 636.3 | 514.3 | 493.1 | 435.4 | 414.9 | 300.8 | 287.5 |
| 36749 | Semiconductor devices, n.e.c. | 2 334.8 | 2 092.0 | 1 397.6 | 1 425.1 | 1 000.4 | 835.8 | 337.2 | 176.0 |
| 36740 | Semiconductors and related devices, n.s.k. | 479.9 | 214.6 | 168.4 | 206.1 | 173.4 | 122.0 | 41.4 | 4.0 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|---|----------|-------------------|-------------------|-------------------|-------------------|----------------------|----------|----------|
| 36750 | Capacitors for electronic circuitry | 1 207.1 | 1 158.6 | 1 085.0 | 959.4 | 835.3 | 736.1 | 454.4 | 430.7 |
| 36760 | Resistors for electronic circuitry | 758.3 | 794.5 | 823.8 | 716.5 | 612.0 | 583.0 | 438.1 | 442.4 |
| 36770 | Coils, transformers, reactors, and chokes | 924.6 | 996.0 | 891.8 | 797.9 | 632.8 | 605.8 | 385.3 | 446.5 |
| 3678- | Electronic connectors | 2 353.3 | 2 136.2 | 2 010.4 | 1 683.3 | 1 322.4 | 986.0 | 523.6 | (NA) |
| 36781 | Coaxial (rf) connectors for electronic circuitry | 223.3 | 2 130.2 | 2 010.4 | 1 683.3 | 1 322.4 | 986.0 | 523.6 | (NA) |
| 36782 | Cylindrical connectors for electronic circuitry | 411.7 | | | | | | | |
| 36783 | Rack and panel (rectangular) connectors for electronic circuitry | 401.2 | | | | | | | |
| 36784 | Printed circuit connectors for electronic circuitry | 464.0 | | | | | | | |
| 36785 | Connectors for electronic circuitry, n.e.c. | 740.0 | | | | | | | |
| 36780 | Connectors for electronic circuitry, n.s.k. | 113.1 | | | | | | | |
| 3679- | Electronic components, n.e.c. | 13 845.6 | 12 020.1 | 10 121.7 | 8 611.1 | 6 827.4 | 5 574.1 | 3 209.8 | (NA) |
| 36791 | Crystals, filters, and other related devices | 429.8 | 12 020.1 | 10 121.7 | 8 611.1 | 6 827.4 | 5 574.1 | 3 209.8 | (NA) |
| 36792 | Magnetic recording media | 953.8 | | | | | | | |
| 36793 | Microwave components and devices | 794.5 | | | | | | | |
| 36794 | Relays for electronic circuitry | 305.2 | | | | | | | |
| 36795 | Transducers, electrical/electronic input or output | 357.0 | | | | | | | |
| 36796 | Switches, mechanical, for electronic circuitry | 468.6 | | | | | | | |
| 36797 | Printed circuit boards | 2 288.9 | | | | | | | |
| 36798 | Complex components | 2 655.9 | | | | | | | |
| 36799 | Electronic components, n.e.c. | 4 075.8 | | | | | | | |
| 36790 | Electronic components, n.e.c., n.s.k. | 1 516.0 | | | | | | | |
| 3691- | Storage batteries | 2 347.4 | 2 529.6 | 2 483.7 | 2 518.6 | 2 198.1 | 1 911.0 | 952.7 | 579.4 |
| 36913 | Storage batteries, lead acid type, 1.5 cu ft and smaller | 1 757.8 | 1 909.6 | 1 854.3 | 1 934.6 | 1 696.8 | 1 458.1 | 929.1 | 559.5 |
| 36914 | Storage batteries, lead acid type, more than 1.5 cu ft | 301.8 | 339.8 | 354.1 | 343.3 | 254.1 | 233.8 | | |
| 36915 | Storage batteries, except lead acid | 228.9 | 251.6 | 226.1 | 205.1 | 180.9 | 164.3 | | |
| 36910 | Storage batteries, n.s.k. | 58.9 | 28.6 | 49.2 | 35.6 | (S) | 54.8 | | |
| 36920 | Primary batteries, dry and wet | 1 066.4 | 959.1 | 879.9 | 766.8 | 739.6 | 623.9 | 316.7 | 327.9 |
| 3693- | X-ray and electromedical apparatus | 3 834.2 | 3 046.4 | 2 415.7 | 2 283.5 | 1 958.2 | ⁴⁵¹ 562.3 | 383.0 | 179.8 |
| 36931 | Irradiation (ionizing radiation) equipment | 1 355.9 | 962.7 | 798.2 | 792.5 | 756.9 | 664.6 | 383.0 | 179.8 |
| 36933 | Electromedical equipment | 2 433.9 | 1 995.9 | 1 558.1 | 1 395.7 | 1 090.2 | ⁴⁵⁸ 832.3 | | |
| 36930 | X-ray and electromedical equipment, n.s.k. | 44.4 | 87.8 | 59.4 | 92.6 | 111.1 | 65.5 | | |
| 3694- | Engine electrical equipment ⁴⁶ | 3 007.8 | 3 401.1 | 3 038.7 | 3 424.5 | 3 432.3 | 2 748.8 | 1 781.0 | 1 220.2 |
| 36941 | Ignition harness and cable sets | 319.0 | 258.7 | 262.9 | 278.9 | 299.1 | 252.8 | 112.8 | 76.5 |
| 36942 | Alternators, generators, and regulators | 584.9 | 648.0 | 570.9 | 692.5 | 723.6 | 631.7 | 382.1 | 288.3 |
| 36943 | Cranking motors (starters) | 483.5 | 504.1 | 443.0 | 547.1 | 507.1 | 464.3 | 313.7 | 221.2 |
| 36944 | Spark plugs | 525.8 | 545.4 | 501.6 | 509.2 | 452.1 | 419.6 | 290.3 | 186.4 |
| 36947 | Complete engine electrical equipment, n.e.c. ⁴⁶ | 633.8 | 1 033.4 | 913.8 | 1 032.8 | 1 036.8 | 594.7 | 411.8 | 267.6 |
| 36949 | Parts for engine electrical equipment | 324.1 | 341.8 | 298.2 | 310.3 | 294.9 | 310.0 | 225.5 | 150.6 |
| 36940 | Engine electric equipment, n.s.k. | 136.8 | 69.7 | 48.3 | 53.8 | (S) | 75.6 | 44.8 | 29.6 |
| 3699- | Electrical equipment and supplies, n.e.c. | 1 351.0 | 1 213.8 | 1 114.8 | 1 158.5 | 1 025.0 | 878.8 | 582.6 | 327.3 |
| 36993 | Electrical comfort heating equipment | 94.0 | 102.8 | 83.3 | 81.6 | 104.7 | 87.3 | 326.6 | 192.4 |
| 36994 | Electrical products, n.e.c. | 836.4 | 705.6 | 660.4 | 674.2 | 566.2 | 476.7 | | |
| 36996 | Apparatus wire and cordage (MFPM) | 171.0 | 208.5 | 199.2 | 198.6 | 165.7 | 132.3 | 111.5 | 97.8 |
| 36990 | Electrical equipment, n.e.c., n.s.k. | 249.6 | 196.9 | 171.9 | 204.1 | (S) | 182.5 | 144.5 | 37.1 |
| 3711- | Motor vehicles and car bodies | 66 705.6 | 69 457.0 | 61 428.4 | 80 133.1 | 80 550.7 | 72 979.1 | 41 045.9 | 25 921.6 |
| 37111 | Passenger cars | 42 902.3 | 47 585.8 | 42 417.3 | 50 305.5 | 50 814.7 | 47 798.9 | 29 246.2 | 19 277.4 |
| 37112 | Trucks, truck tractors, and truck chassis | 19 295.5 | 17 515.3 | 15 493.2 | 25 639.7 | 25 829.6 | 21 543.5 | 9 566.1 | 4 263.7 |
| 37113 | Buses and fire department vehicles | 893.5 | 4 355.9 | 3 517.9 | 4 187.9 | 3 906.4 | 3 636.7 | 2 233.6 | 2 380.5 |
| 37114 | Military vehicles | (D) | | | | | | | |
| 37115 | Passenger car bodies | (D) | | | | | | | |
| 37110 | Motor vehicles, n.s.k. | (D) | | | | | | | |
| 3713- | Truck and bus bodies | 2 304.4 | 2 238.0 | 2 073.6 | 2 297.2 | 2 165.9 | 1 880.9 | 934.4 | (NA) |
| 37131 | Truck, bus, and other vehicle bodies | 1 672.6 | 1 564.7 | 1 481.8 | 1 773.9 | 1 531.4 | 1 326.5 | 624.2 | 404.3 |
| 37132 | Complete vehicles produced on purchased chassis | 523.8 | 497.8 | 447.5 | 401.1 | 364.8 | 316.7 | 193.9 | (NA) |
| 37130 | Truck and bus bodies, n.s.k. | 108.0 | 175.5 | 144.3 | 122.2 | 269.7 | 237.7 | 116.3 | 67.8 |
| 3714- | Motor vehicle parts and accessories | 38 414.2 | 40 214.9 | 35 627.2 | 42 906.5 | 42 952.0 | 37 841.8 | 19 417.0 | 11 735.1 |
| 37142 | Gasoline engines and gasoline engine parts for motor vehicles, new | 8 274.1 | 39 146.1 | 34 830.5 | 42 090.4 | 41 785.9 | 36 735.4 | 18 766.8 | 11 326.9 |
| 37144 | Filters for internal combustion engines and motor vehicles, new | 1 028.9 | | | | | | | |
| 37145 | Exhaust system parts, new | 1 672.2 | | | | | | | |
| 37146 | Drive train components, new, except wheels and brakes | 9 798.9 | | | | | | | |
| 37147 | Motor vehicle wheels | 815.4 | | | | | | | |
| 37148 | Brake parts and assemblies, new | 2 211.0 | | | | | | | |
| 37149 | All other motor vehicle parts and accessories, new, n.e.c. | 12 709.5 | | | | | | | |
| 37143 | Rebuilt parts for motor vehicles, excluding carburetors and engine electrical equipment | 890.4 | 780.6 | 620.5 | 678.9 | 657.6 | 592.9 | 365.6 | 197.5 |
| 37140 | Motor vehicle parking and accessories, n.s.k. | 1 013.9 | 288.2 | 176.2 | 137.1 | 508.5 | 513.5 | 284.6 | 210.7 |
| 3715- | Truck trailers | 1 667.5 | 2 056.6 | 2 262.8 | 2 934.7 | 2 390.3 | 1 807.0 | 1 079.0 | 702.2 |
| 37151 | Truck trailers with axle ratings of 10,000 lb or more | 1 525.5 | 1 891.2 | 2 122.1 | 2 818.3 | 2 300.0 | 1 680.9 | 964.4 | 643.5 |
| 37152 | Truck trailers with axle ratings of less than 10,000 lb | 78.3 | 56.7 | 86.0 | 70.2 | 40.6 | 41.3 | 25.7 | 25.7 |
| 37150 | Truck trailers, n.s.k. | 63.7 | 108.7 | 54.7 | 46.2 | 49.7 | 84.8 | 47.1 | 33.1 |
| 37160 | Motor homes produced on purchased chassis | 1 035.7 | 1 168.9 | 836.3 | 962.0 | 2 004.9 | 1 494.6 | 509.6 | (NA) |
| 3721- | Aircraft | 24 235.1 | 25 108.7 | 23 365.6 | 18 925.5 | 13 610.4 | 12 052.6 | 7 538.2 | 9 172.2 |
| 37211 | Military aircraft | 9 834.5 | 6 869.6 | 5 892.1 | 4 429.7 | 3 719.2 | 4 579.6 | 2 802.9 | 4 408.0 |
| 37215 | Civilian aircraft | 8 769.4 | 13 136.6 | 13 053.4 | 10 883.1 | 6 372.0 | 4 706.1 | 3 261.5 | 3 504.9 |
| 37217 | Modification, conversion, and overhaul of aircraft | 2 783.4 | 1 690.7 | 1 311.6 | 863.2 | 797.9 | 747.2 | 373.9 | 596.8 |
| 37218 | Aeronautical services on aircraft, n.e.c. | 2 817.1 | 3 369.5 | 3 095.3 | 2 744.2 | 2 696.0 | 1 988.2 | 1 067.1 | 635.2 |
| 37210 | Complete aircraft, n.s.k. | 30.7 | 42.2 | 13.2 | 5.2 | 25.3 | 31.7 | 32.8 | 27.3 |
| 3724- | Aircraft engines and engine parts | 11 640.8 | 11 555.8 | 10 010.3 | 7 884.2 | 6 028.0 | 4 994.6 | 3 069.7 | 3 759.8 |
| 37241 | Aircraft engines for military aircraft | (D) | 2 197.6 | 1 472.7 | 1 112.7 | 815.8 | 1 047.9 | 437.1 | 1 087.6 |
| 37242 | Aircraft engines for civilian aircraft | 2 142.6 | 2 745.9 | 2 839.6 | 2 167.7 | 1 404.7 | 937.0 | 609.2 | 690.7 |
| 37243 | Aeronautical services on aircraft engines | (D) | 882.8 | 1 024.2 | 1 024.5 | 978.1 | 660.8 | 692.1 | 526.5 |
| 37244 | Aircraft engine parts and accessories | 5 725.5 | 5 627.9 | 4 617.0 | 3 532.7 | 2 796.6 | 2 308.5 | 1 306.7 | 1 422.9 |
| 37240 | Aircraft engine and engine parts, n.s.k. | 79.4 | 101.6 | 56.8 | 46.7 | (S) | 40.4 | 24.6 | 31.8 |
| 3728- | Aircraft equipment, n.e.c. | 10 789.1 | 10 508.6 | 9 946.0 | 8 051.8 | 6 455.8 | 5 761.5 | 3 436.9 | 4 465.0 |
| 37281 | Aircraft parts and accessories, n.e.c. | 9 862.4 | 10 061.1 | 9 627.5 | 7 781.7 | 6 100.0 | 5 436.8 | 3 227.4 | 4 204.9 |
| 37282 | Aircraft propellers and helicopter rotors | 191.0 | | | | | | | |
| 37283 | Research and development on aircraft parts | 432.2 | | | | | | | |
| 37280 | Aircraft equipment, n.e.c., n.s.k. | 303.5 | | | | | | | |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendices]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|--|-----------------|-------------------|-------------------|-------------------|-------------------|----------------|----------------|----------------|
| 3761- | Guided missiles and space vehicles | 8 585.6 | 7 556.8 | 6 460.1 | 5 973.9 | 5 210.1 | 4 848.2 | 3 705.3 | 4 367.3 |
| 37611 | Complete missiles | 2 644.8 | 2 682.9 | 2 350.8 | 1 932.1 | 1 702.7 | 1 685.5 | 1 246.3 | 815.7 |
| 37612 | Complete space vehicles and booster stages | 2 010.7 | 2 320.0 | 1 898.5 | 1 151.9 | 1 052.1 | 822.1 | 754.9 | 1 203.2 |
| 37613 | Research and development on complete missiles | 1 504.0 | 1 033.8 | 847.9 | 1 329.5 | 1 105.3 | 872.5 | 660.8 | 867.3 |
| 37614 | Research and development on complete space vehicles | 987.2 | 623.5 | 583.0 | 717.3 | 836.2 | 918.1 | 599.7 | 743.6 |
| 37615 | Other services on complete missiles and space vehicles | 1 438.3 | 896.5 | 779.7 | 842.7 | 513.6 | 549.9 | 440.1 | 734.7 |
| 37610 | Guided missiles and space vehicles, n.s.k. | .5 | - | .2 | .4 | .3 | 1.1 | 3.5 | 2.9 |
| 3764- | Space propulsion units and parts | 2 199.1 | 2 084.9 | 1 738.8 | 1 294.0 | 1 128.0 | 930.1 | 740.3 | 1 054.0 |
| 37645 | Missile or space vehicle propulsion units | 960.7 | 811.3 | 736.2 | 574.2 | 488.7 | 370.6 | 434.6 | 451.7 |
| 37646 | Research and development on propulsion units | 694.8 | 822.3 | 569.8 | 444.8 | 440.0 | 345.8 | 143.4 | 389.1 |
| 37647 | Other services on propulsion units | 238.0 | 123.6 | 111.5 | 87.5 | 78.7 | 105.0 | 115.0 | 88.4 |
| 37648 | Propulsion unit parts and accessories | 301.5 | 325.6 | 319.0 | 186.0 | 117.6 | 105.6 | 47.1 | 93.9 |
| 37640 | Space propulsion units and parts, n.s.k. | 4.2 | 2.1 | 2.3 | 1.6 | (S) | 3.1 | .2 | 30.9 |
| 3769- | Space vehicle equipment, n.e.c. | 2 573.9 | 2 153.3 | 1 775.5 | 1 533.5 | 1 197.0 | 882.4 | 825.4 | 1 077.2 |
| 37692 | Missile and space vehicle parts, n.e.c. | 1 161.0 | 778.6 | 644.8 | 555.7 | 468.1 | 420.0 | 418.7 | 674.0 |
| 37694 | Research and development on missile and space vehicle parts, n.e.c. | 1 403.3 | 1 368.0 | 1 125.1 | 972.8 | 722.1 | 455.2 | 406.7 | 403.7 |
| 37690 | Space vehicle equipment, n.e.c., n.s.k. | 9.6 | 6.7 | 5.5 | 5.0 | (S) | 7.2 | (NA) | - |
| 3731- | Ship building and repairing | 10 654.5 | 10 689.7 | 8 888.7 | 7 466.2 | 6 688.4 | 6 270.3 | 3 200.7 | 2 537.9 |
| 37311 | Nonpropelled ships, new construction | 1 336.6 | 2 546.7 | 1 645.1 | 1 044.9 | 724.3 | 491.1 | 361.9 | 149.0 |
| 37312 | Self-propelled ships, military, new | 4 094.5 | 3 351.2 | 2 903.0 | 2 511.7 | 2 281.7 | 2 211.7 | 1 100.0 | 973.8 |
| 37313 | Self-propelled ships, nonmilitary, new | 1 872.0 | 1 873.0 | 1 810.4 | 1 889.8 | 1 861.1 | 1 917.3 | 816.1 | 361.8 |
| 37314 | Ship repair, military | 1 571.2 | 1 251.3 | 1 133.5 | 968.6 | 911.7 | 718.0 | 386.5 | 423.0 |
| 37316 | Ship repair, nonmilitary | 1 592.2 | 1 567.7 | 1 335.2 | 997.7 | 808.5 | 789.1 | 484.2 | 407.2 |
| 37310 | Ship building and repairing, n.s.k. | 188.0 | 100.0 | 61.5 | 53.5 | (S) | 143.2 | 52.1 | 43.2 |
| 3732- | Boat building and repairing | 2 307.4 | 2 249.1 | 2 128.5 | 2 238.1 | 2 103.4 | 1 822.1 | 1 031.1 | 570.8 |
| 37322 | Outboard motorboats | 345.0 | 291.5 | 267.3 | 299.3 | (S) | 297.7 | 233.9 | 70.2 |
| 37323 | Inboard motorboats | 522.3 | 415.7 | 417.2 | 492.4 | 526.3 | 354.1 | 380.9 | 259.0 |
| 37324 | Inboard-outdrive boats | 459.9 | 445.6 | 438.5 | 514.0 | 448.9 | 367.3 | | |
| 37327 | Boats, n.e.c. | 368.8 | 424.9 | 404.8 | 370.3 | 342.2 | 282.1 | 130.4 | 45.6 |
| 37328 | Boat repair, military and nonmilitary | 271.2 | 294.2 | 238.0 | 210.5 | 215.6 | 173.2 | 74.3 | 82.2 |
| 37320 | Boat building and repairing, n.s.k. | 340.1 | 377.2 | 362.7 | 351.6 | (S) | 347.8 | 211.6 | 114.0 |
| 3743- | Railroad equipment | 2 878.9 | 4 597.1 | 7 173.3 | 7 313.1 | 5 207.3 | 4 001.9 | 2 284.2 | 1 943.5 |
| 37431 | Locomotives, both new and rebuilt, and parts | 2 152.0 | 3 775.4 | 6 115.9 | 5 970.4 | 4 040.1 | 3 055.8 | 1 759.4 | 569.1 |
| 37432 | Passenger and freight train cars | 663.7 | 779.3 | 1 037.3 | 1 326.3 | 1 110.5 | 899.1 | 501.2 | 340.4 |
| 37433 | Street, subway, trolley, and rapid transit cars | 63.1 | 42.5 | 20.1 | 16.4 | (S) | 47.0 | 23.6 | 7.6 |
| 37430 | Railroad equipment, n.s.k. | | | | | | | | |
| 3751- | Motorcycles, bicycles, and parts | 1 143.1 | 1 159.8 | 1 160.3 | 1 111.8 | 1 000.5 | 847.3 | 540.6 | 226.3 |
| 37511 | Bicycles and parts | 601.6 | 733.0 | 649.3 | 732.5 | 540.4 | 490.4 | 396.8 | 178.6 |
| 37512 | Motorcycles and parts | 480.8 | 368.2 | 464.4 | 341.9 | 390.3 | 286.1 | 112.3 | 45.5 |
| 37510 | Motorcycles, bicycles, and parts, n.s.k. | 60.8 | 58.6 | 46.6 | 37.3 | (S) | 70.7 | 31.5 | 4.3 |
| 3792- | Travel trailers and campers | 1 088.1 | 951.3 | 845.2 | 1 068.1 | 1 538.9 | 1 477.6 | 1 276.5 | 400.8 |
| 37921 | Travel trailers | 628.0 | 548.8 | 453.4 | 607.0 | 946.2 | 882.2 | 619.9 | 186.6 |
| 37922 | Camping trailers, campers, pickup covers | 340.4 | 306.3 | 284.3 | 351.8 | 455.6 | 426.2 | 273.3 | 115.6 |
| 37920 | Travel trailers and campers, n.s.k. | 119.7 | 96.3 | 107.5 | 109.3 | (S) | 169.2 | 383.3 | 98.6 |
| 37950 | Tanks and tank components | 2 680.5 | 1 738.6 | 1 368.0 | 1 084.3 | 1 207.6 | 1 015.1 | 285.1 | 409.3 |
| 3799- | Transportation equipment, n.e.c. | 954.3 | 843.7 | 838.3 | 953.2 | 832.2 | 700.3 | 753.4 | 257.6 |
| 37993 | Golf carts and industrial personnel carriers | 156.8 | 167.0 | 156.4 | 122.5 | 111.6 | 108.2 | 54.1 | 36.3 |
| 37994 | Snowmobiles and parts | 63.9 | 40.4 | 98.1 | 277.5 | 208.9 | 157.1 | 203.1 | 36.3 |
| 37996 | Automobile and light truck trailers | 272.0 | | | | (S) | 353.6 | 436.7 | 151.3 |
| 37998 | Transportation equipment, n.e.c., including all-terrain vehicles | 389.3 | 596.9 | 549.5 | 527.9 | | | | |
| 37990 | Transportation equipment, n.e.c., n.s.k. | 72.2 | 39.4 | 34.3 | 25.2 | (S) | 81.4 | 59.5 | 33.7 |
| 3811- | Engineering and scientific instruments | 2 964.4 | 2 636.6 | 2 518.0 | 2 298.4 | 2 076.7 | 1 849.5 | 1 106.0 | 1 049.0 |
| 38111 | Aeronautical, nautical, and navigational instruments | 1 418.7 | 1 172.1 | 1 151.1 | 958.6 | 889.7 | 804.6 | 573.7 | 585.5 |
| 38112 | Laboratory and scientific apparatus | 1 083.6 | 990.5 | 919.4 | 910.0 | 794.7 | 696.6 | 335.9 | 259.7 |
| 38113 | Surveying and drafting instruments | 259.9 | 258.3 | 260.8 | 256.6 | 178.9 | 168.9 | 126.2 | 139.4 |
| 38110 | Engineering and scientific instruments, n.s.k. | 202.2 | 215.7 | 186.7 | 173.1 | (S) | 179.4 | 70.2 | 64.4 |
| 38220 | Heating, air conditioning, appliance controls | 1 544.5 | 1 487.5 | 1 423.4 | 1 338.1 | 1 224.2 | 1 106.4 | 658.1 | 523.6 |
| 38230 | Process control instruments | 3 915.1 | 3 663.2 | 3 118.0 | 2 654.6 | 2 384.6 | 2 061.1 | 794.7 | (NA) |
| 3824- | Fluid meters and counting devices | 787.1 | 954.2 | 918.1 | 830.0 | 742.9 | 634.3 | 327.4 | (NA) |
| 38242 | Integrating and totalizing meters for gas and liquids | 519.6 | 634.6 | 628.9 | 471.2 | 414.3 | 344.0 | 207.7 | 189.2 |
| 38243 | Counting devices | 162.0 | 182.8 | 162.6 | 202.5 | 172.8 | 147.0 | 48.8 | (NA) |
| 38244 | Motor vehicle instruments | 76.2 | 101.0 | 108.2 | 140.8 | 134.5 | 123.2 | 70.1 | 71.4 |
| 38240 | Fluid meters and counting devices, n.s.k. | 29.3 | 35.7 | 18.4 | 15.5 | 21.3 | 20.1 | .8 | (NA) |
| 3825- | Instruments to measure electricity | 5 575.6 | 4 874.5 | 4 338.1 | 3 811.3 | 3 044.6 | 2 566.2 | 1 329.7 | 1 137.1 |
| 38251 | Integrating instruments, electrical | 363.2 | 293.1 | 288.5 | 289.5 | 254.5 | 223.5 | 169.5 | 101.6 |
| 38252 | Test equipment for testing electrical circuits | 4 455.2 | 3 792.8 | 3 367.7 | 2 861.0 | 2 183.3 | 1 784.9 | 869.0 | 700.4 |
| 38253 | Instruments to measure electricity, n.e.c. | 556.7 | 627.9 | 556.2 | 555.2 | 454.8 | 429.9 | 223.4 | 279.2 |
| 38250 | Instruments to measure electricity, n.s.k. | 200.5 | 160.7 | 125.6 | 105.5 | 152.0 | 127.9 | 67.8 | 56.5 |
| 3829- | Measuring and controlling devices, n.e.c. | 2 073.4 | 1 663.8 | 1 512.4 | 1 299.0 | 1 374.8 | 1 073.1 | 585.9 | (NA) |
| 38291 | Aircraft engine instruments, except flight | 311.0 | 251.3 | 234.6 | 184.2 | 142.4 | 120.1 | 74.5 | 120.0 |
| 38292 | Physical properties testing and inspection equipment | 635.2 | 593.7 | 498.4 | 402.1 | 393.5 | 276.6 | 106.3 | (NA) |
| 38293 | General purpose instruments | 365.2 | 207.6 | 239.7 | 268.6 | 331.0 | 226.8 | 94.5 | (NA) |
| 38294 | Nuclear radiation detection and monitoring instruments | 596.4 | 444.0 | 420.9 | 329.7 | 394.5 | 344.2 | 198.2 | (NA) |
| 38290 | Measuring and controlling devices, n.e.c., n.s.k. | 165.6 | 165.5 | 118.7 | 114.4 | 113.4 | 105.4 | 112.4 | (NA) |
| 3832- | Optical instruments and lenses | 3 678.4 | 3 067.0 | 2 788.3 | 2 334.7 | 1 840.1 | 1 299.7 | 584.7 | 559.1 |
| 38324 | Sighting, tracking, and fire control equipment | 505.4 | 330.0 | 329.1 | 274.0 | 207.7 | 227.3 | 83.1 | 176.7 |
| 38325 | Optical instruments and lenses, n.e.c. | 922.8 | 935.6 | 773.6 | 588.4 | 471.6 | 390.0 | (NA) | (NA) |
| 38326 | Analytical and scientific instruments, except optical | 2 088.4 | 1 686.8 | 1 614.7 | 1 407.8 | 1 085.7 | 604.5 | (NA) | (NA) |
| 38320 | Optical instruments and lenses, n.s.k. | 161.8 | 114.6 | 70.8 | 64.4 | 75.1 | 77.9 | 57.2 | 28.6 |
| 3841- | Surgical and medical instruments | 4 271.9 | 3 257.2 | 2 769.7 | 2 431.7 | 2 256.2 | 1 891.3 | 984.2 | 542.9 |
| 38411 | Surgical and medical instruments and apparatus | 3 686.1 | 2 770.0 | 2 395.8 | 2 104.4 | 1 947.7 | 1 506.7 | | |
| 38412 | Hospital furniture | 270.0 | 249.8 | 237.5 | 216.4 | 208.6 | 206.7 | 984.2 | 542.9 |
| 38410 | Surgical and medical instruments, n.s.k. | 315.8 | 237.4 | 136.3 | 110.9 | 99.9 | 177.9 | | |
| 3842- | Surgical appliances and supplies | 5 018.8 | 4 225.5 | 3 415.2 | 3 016.5 | 2 716.6 | 2 413.0 | 1 142.1 | 691.3 |
| 38421 | Surgical appliances and supplies | 3 785.7 | 3 186.5 | 2 571.9 | 2 241.8 | 2 021.7 | 1 773.0 | 782.0 | 475.0 |
| 38423 | Personal industrial safety devices | 874.2 | 677.7 | 575.9 | 519.9 | 447.0 | 403.1 | 226.0 | 144.4 |
| 38424 | Electronic hearing aids | 109.2 | 95.4 | 78.0 | 72.9 | 60.1 | 58.1 | 50.0 | 40.9 |
| 38420 | Surgical appliances and supplies, n.s.k. | 249.5 | 265.9 | 189.3 | 181.9 | 187.8 | 178.8 | 84.1 | 31.1 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------------|--|-----------------|-------------------|-------------------|-------------------|-------------------|----------------|----------------|----------------|
| 3843- | Dental equipment and supplies | 957.0 | 1 128.3 | 1 082.1 | 931.0 | 767.1 | 660.7 | 352.3 | 201.8 |
| 38431 | Dental professional equipment and supplies | 567.9 | | | | | | | |
| 38432 | Dental laboratory equipment and supplies | 268.8 | 1 128.3 | 1 082.1 | 931.0 | 767.1 | 660.7 | 352.3 | 201.8 |
| 38430 | Dental equipment and supplies, n.s.k. | 120.4 | | | | | | | |
| 3851- | Ophthalmic goods | 1 081.1 | 1 099.7 | 1 050.7 | 951.1 | 1 024.7 | 844.3 | 483.5 | 377.5 |
| 38511 | Ophthalmic fronts and temples | 153.7 | 183.9 | 182.8 | 176.2 | 168.6 | 154.2 | 111.5 | 84.2 |
| 38514 | Glass ophthalmic focus lenses | 155.1 | 187.4 | 180.2 | 151.4 | 141.9 | 132.6 | | |
| 38515 | Plastics ophthalmic focus lenses | 115.3 | 115.8 | 108.7 | 90.7 | 89.9 | 73.8 | 134.5 | 134.2 |
| 38516 | Contact lenses | 228.8 | 210.2 | 192.4 | 178.4 | 147.6 | 117.7 | | |
| 38517 | Ophthalmic goods, n.e.c. | 284.4 | 289.3 | 290.6 | 274.4 | 289.2 | 259.3 | 194.8 | 124.3 |
| 38510 | Ophthalmic goods, n.s.k. | 143.8 | 113.2 | 96.1 | 80.0 | 187.5 | 106.7 | 42.7 | 34.8 |
| 3861- | Photographic equipment and supplies | 14 990.4 | 14 976.9 | 13 970.3 | 11 920.3 | 10 622.7 | 9 217.5 | 5 255.4 | 3 138.0 |
| 38611 | Still picture equipment | 1 473.3 | 1 219.5 | 1 197.9 | 1 184.8 | 1 094.5 | 925.8 | 616.5 | 484.8 |
| 38612 | Photocopying equipment | (D) | (D) | (D) | (D) | (D) | (D) | 1 455.1 | 602.2 |
| 38613 | Motion picture equipment | 203.2 | 211.6 | 251.4 | 244.8 | (S) | 178.2 | 191.6 | 194.3 |
| 38614 | Microfilming, blueprinting, and whiteprinting equipment | 466.0 | 458.3 | 391.4 | 396.5 | 281.1 | 240.2 | 137.5 | 53.6 |
| 38615 | Sensitized film and plates, silver halide type | 4 154.7 | 4 265.6 | 3 866.6 | 3 364.5 | 3 062.2 | 2 587.3 | 1 427.6 | (D) |
| 38616 | Sensitized paper and cloth, silver halide type | (D) | (D) | (D) | (D) | (D) | (D) | 376.4 | 238.7 |
| 38617 | Sensitized film, plates, paper, and cloth, except silver halide type | 985.0 | 872.8 | 744.2 | 693.9 | 594.5 | 443.1 | 306.2 | 193.5 |
| 38618 | Prepared photographic chemicals | 966.8 | 971.3 | 984.2 | 743.7 | 623.8 | 634.3 | 286.2 | 148.3 |
| 38619 | X-ray film and plates | (D) | 1 085.7 | 1 027.3 | 678.9 | 566.1 | 515.3 | 297.6 | (D) |
| 38610 | Photographic equipment and supplies, n.s.k. | (D) | (D) | (D) | (D) | (D) | (D) | 160.7 | 119.9 |
| 3873- | Watches, clocks, and watchcases | 1 121.8 | 1 330.0 | 1 298.4 | 1 353.9 | 1 529.2 | 1 332.0 | 880.8 | 708.3 |
| 38732 | Clocks, timing mechanisms, time switches, and clock parts | 475.1 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 38734 | Watches with imported movements or modules | 457.9 | 476.8 | 389.0 | 369.9 | 383.6 | 300.7 | 192.1 | 190.6 |
| 38736 | Watches with domestic movements or modules | 58.4 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 38737 | Watchcases and parts for watchcases | 70.5 | 68.0 | 91.6 | 85.2 | 81.7 | 67.2 | 52.9 | 44.8 |
| 38730 | Watches, clocks, and watchcases, n.s.k. | 60.0 | 81.2 | 55.6 | 56.3 | 67.7 | 59.8 | 20.7 | 31.8 |
| 3911- | Jewelry, precious metal | 2 823.2 | 2 803.7 | 2 740.5 | 2 554.7 | 2 131.4 | 1 907.7 | 981.8 | 633.2 |
| 39111 | Jewelry, made of platinum metals and karat gold | 2 076.5 | 1 906.2 | 1 905.7 | 1 757.9 | 1 509.0 | 1 251.5 | 656.7 | 426.2 |
| 39112 | Other jewelry, made of precious metals | 411.0 | 519.8 | 528.6 | 531.2 | 404.3 | 353.0 | 178.5 | 125.8 |
| 39110 | Jewelry, precious metal, n.s.k. | 335.7 | 377.8 | 306.2 | 265.6 | (S) | 303.2 | 146.6 | 81.2 |
| 3914- | Silverware and plated ware | 489.3 | 547.7 | 523.4 | 533.0 | 455.6 | 403.2 | 317.5 | 305.4 |
| 39141 | Hollowware | 208.2 | 252.3 | 242.8 | 247.1 | 187.6 | 175.2 | 154.3 | 126.3 |
| 39142 | Flatware | 266.1 | 269.1 | 262.0 | 261.7 | 228.6 | 193.2 | 153.3 | 166.8 |
| 39140 | Silverware and plated ware, n.s.k. | 15.1 | 26.3 | 18.6 | 24.2 | (S) | 34.7 | 9.9 | 12.3 |
| 3915- | Jewelers' materials and lapidary work | 814.4 | 971.2 | 1 009.9 | 950.0 | 836.1 | 726.0 | 336.2 | 213.2 |
| 39151 | Jewelers' findings and materials | 494.4 | 440.3 | 441.8 | 436.5 | 340.3 | 305.5 | 142.5 | 115.6 |
| 39152 | Lapidary work and diamond cutting and polishing | 238.9 | 314.9 | 377.7 | 374.4 | 384.3 | 305.6 | 132.8 | 97.6 |
| 39150 | Jewelers' materials and lapidary work, n.s.k. | 81.0 | 215.9 | 190.4 | 139.1 | (S) | 114.9 | 60.8 | (NA) |
| 3931- | Musical instruments | 876.5 | 1 059.0 | 1 021.5 | 1 003.9 | 984.5 | 878.9 | 525.5 | 401.2 |
| 39311 | Pianos | 194.8 | 220.6 | 204.1 | 230.8 | 219.5 | 180.6 | 107.4 | 91.2 |
| 39312 | Organs | 177.7 | 232.2 | 232.8 | 253.3 | 292.2 | 295.8 | 188.3 | 126.2 |
| 39313 | Piano and organ parts | 94.1 | 184.7 | 163.0 | 171.5 | 138.0 | 86.2 | 54.6 | 46.0 |
| 39314 | Other musical instruments and parts | 346.4 | 337.5 | 298.3 | 294.5 | 271.7 | 255.5 | 156.0 | 123.4 |
| 39310 | Musical instruments, n.s.k. | 63.6 | 84.0 | 123.3 | 53.8 | (S) | 60.8 | 19.2 | 14.4 |
| 39420 | Dolls and stuffed toy animals | 523.6 | 425.5 | 381.9 | 406.9 | 448.9 | 508.2 | 277.9 | 217.0 |
| 3944- | Games, toys, and children's vehicles | 3 976.9 | 3 832.0 | 3 189.5 | 3 020.5 | 2 549.5 | 2 333.2 | 1 500.7 | 1 048.7 |
| 39443 | Baby carriages and children's vehicles, except bicycles | 315.1 | 247.5 | 227.7 | 244.1 | 217.7 | 211.2 | 126.1 | 99.6 |
| 39444 | Toys, excluding games, hobbies, and electronic toys | 1 329.5 | 1 474.8 | 1 376.6 | 1 315.8 | 1 231.1 | 1 036.0 | 934.0 | (NA) |
| 39445 | Hobbies and models | 377.0 | 345.2 | 457.2 | 435.1 | 319.4 | 309.3 | | |
| 39446 | Nonelectronic games | 399.1 | | | | | | (NA) | (NA) |
| 39447 | Electronic games and toys | 1 347.8 | 1 624.5 | 1 004.0 | 899.8 | 606.2 | 612.0 | (NA) | (NA) |
| 39440 | Games, toys, and children's vehicles, n.s.k. | 208.5 | 140.0 | 123.9 | 125.6 | (S) | 164.6 | 160.6 | (NA) |
| 3949- | Sporting and athletic goods, n.e.c. | 3 160.8 | 3 041.6 | 2 846.6 | 2 640.3 | 2 450.3 | 2 216.9 | 1 538.8 | 836.4 |
| 39491 | Fishing tackle and equipment | 341.9 | 329.6 | 284.5 | 271.0 | 312.6 | 270.1 | 167.7 | 111.1 |
| 39492 | Golf equipment | 644.0 | 500.0 | 447.4 | 398.1 | 379.0 | 385.1 | 276.7 | 158.6 |
| 39494 | Playground, gymnasium, and exercise equipment | 531.4 | 477.7 | 442.5 | 417.8 | 371.6 | 257.8 | | |
| 39495 | Other sporting and athletic goods, n.e.c. | 1 314.1 | 1 474.9 | 1 423.7 | 1 326.1 | 1 140.3 | 1 060.8 | 107.4 | 470.3 |
| 39490 | Sporting and athletic goods, n.e.c., n.s.k. | 329.4 | 259.3 | 248.5 | 227.3 | (S) | 243.4 | 175.4 | 96.4 |
| 3951- | Pens and mechanical pencils | 773.8 | 851.4 | 786.3 | 737.2 | 642.0 | 562.9 | 311.7 | 210.8 |
| 39511 | Ball point and roller pens | 383.5 | | | | | | | |
| 39512 | Markers, fine point and broad tipped | 156.9 | | | | | | | |
| 39513 | Other pens, mechanical pencils, desk sets, and pen and pencil parts | 204.7 | | | | | | | |
| 39510 | Pens, markers, mechanical pencils, and pen points (refillable and nonrefillable) n.s.k. | 28.7 | 851.4 | 786.3 | 737.2 | 642.0 | 562.9 | 311.7 | 210.8 |
| 3952- | Lead pencils and art goods | 352.7 | 475.8 | 432.3 | 410.0 | 325.1 | 268.1 | 174.3 | 133.2 |
| 39521 | Wood-cased pencils, crayons, and chalk | 183.5 | 189.1 | 175.2 | 162.3 | 112.1 | 90.6 | 63.1 | 73.6 |
| 39522 | Artists' equipment | 145.5 | 269.4 | 243.6 | 237.2 | 199.0 | 163.9 | 101.4 | 53.8 |
| 39520 | Lead pencils, crayons, and artists' materials, n.s.k. | 23.7 | 17.3 | 13.5 | 10.5 | (S) | 13.6 | 9.8 | 5.8 |
| 39530 | Hand stamps, stencils, and other marking devices | 326.9 | 292.5 | 271.0 | 258.1 | 224.7 | 215.9 | 163.4 | (NA) |
| 3955- | Carbon paper and inked ribbons | 793.6 | 707.3 | 632.0 | 569.8 | 506.7 | 488.9 | 317.5 | 221.5 |
| 39551 | Inked ribbons, all types | 485.3 | 399.6 | 332.1 | 297.4 | 289.4 | 246.9 | 150.0 | (NA) |
| 39552 | Carbon paper, stencil paper, etc. | 282.0 | 280.2 | 288.9 | 247.8 | 195.9 | 220.2 | 153.8 | (NA) |
| 39550 | Carbon paper, stencil paper, and inked ribbons, n.s.k. | 26.3 | 27.4 | 11.0 | 24.6 | (S) | 21.8 | 13.7 | (NA) |
| 39610 | Costume jewelry and costume novelties | 948.6 | 998.4 | 946.7 | 872.4 | 808.1 | 781.5 | 441.7 | 338.2 |
| 39620 | Feathers, plumes, and artificial flowers | 238.0 | 250.9 | 211.6 | 190.3 | (S) | 160.1 | 101.8 | 86.3 |
| 39630 | Buttons and parts | 142.5 | 139.4 | 128.5 | 123.8 | 107.8 | 106.2 | 103.1 | 83.8 |
| 3964- | Needles, pins, and fasteners | 606.9 | 661.6 | 683.8 | 604.8 | 665.5 | 633.6 | 553.6 | 381.4 |
| 39641 | Zippers and slide in fasteners | 200.8 | 294.1 | 298.9 | 280.9 | 280.1 | 295.0 | 254.5 | 201.5 |
| 39642 | Needles, pins, fasteners (except slide), and similar notions | 364.4 | 313.9 | 340.4 | 287.6 | 320.0 | 278.1 | 265.7 | 153.8 |
| 39640 | Needles, pins, and fasteners, n.s.k. | 41.7 | 53.7 | 44.4 | 36.3 | (S) | 60.6 | 33.4 | 26.1 |

See footnotes at end of table.

Table 1. Historical Statistics for Product Classes—Value Shipped by All Producers: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| 1982 product code | Product class | 1982 | 1981 ¹ | 1980 ¹ | 1979 ¹ | 1978 ¹ | 1977 | 1972 | 1967 |
|-------------------|---|----------------|-------------------|-------------------|-------------------|-------------------|----------------|----------------|--------------|
| 3991- | Brooms and brushes ----- | 763.7 | 871.3 | 827.0 | 784.1 | 685.8 | 620.8 | 391.8 | 295.1 |
| 39911 | Brooms----- | 134.2 | 208.6 | 203.7 | 194.3 | (S) | 83.0 | 60.5 | 37.5 |
| 39912 | Paint and varnish brushes, rollers, and pads----- | 223.0 | 261.6 | 248.3 | 227.1 | 185.3 | 184.5 | 112.6 | 88.6 |
| 39913 | Other brushes----- | 372.8 | 354.2 | 333.5 | 315.4 | 330.7 | 309.5 | 186.4 | 142.3 |
| 39910 | Brooms and brushes, n.s.k.----- | 33.7 | 46.9 | 41.4 | 47.2 | (S) | 43.8 | 32.3 | 26.8 |
| 3993- | Signs and advertising displays ----- | 2 549.3 | 2 317.6 | 2 186.4 | 2 106.6 | 1 888.8 | 1 606.9 | 1 089.2 | 800.6 |
| 39931 | Electric signs----- | 683.4 | 774.9 | 775.3 | 673.3 | 383.0 | 349.8 | 198.7 | 176.5 |
| 39932 | Nonelectric signs----- | 1 000.1 | 775.1 | 683.3 | 809.9 | 674.7 | 615.6 | 445.9 | 349.3 |
| 39933 | Advertising specialties----- | 268.9 | 299.4 | 329.0 | 262.5 | 257.0 | 262.5 | 155.7 | 115.0 |
| 39930 | Signs and advertising displays, n.s.k.----- | 596.9 | 468.3 | 398.7 | 361.0 | (S) | 379.0 | 288.9 | 159.8 |
| 3995- | Burial caskets ----- | 672.8 | 692.4 | 676.7 | 574.4 | 532.8 | 494.8 | 387.9 | 288.0 |
| 39951 | Metal caskets and coffins, lined and trimmed (adult)----- | 429.5 | 507.6 | 472.0 | 394.3 | 331.9 | 298.1 | 211.2 | 133.7 |
| 39952 | Wood caskets and coffins, lined and trimmed (adult)----- | 115.1 | 102.8 | 110.0 | 89.8 | 93.1 | 85.6 | 68.7 | 59.8 |
| 39953 | Other caskets, coffins, and metal vaults----- | 87.7 | 68.8 | 82.6 | 76.7 | 77.4 | 79.2 | 67.8 | (NA) |
| 39950 | Burial caskets, n.s.k.----- | 40.5 | 13.2 | 12.1 | 13.6 | 30.5 | 31.9 | 40.2 | 25.8 |
| 39960 | Resilient floor covering ----- | 535.4 | 560.2 | 554.9 | 645.6 | 638.0 | 561.3 | 300.3 | 191.6 |
| 3999- | Manufacturing industries, n.e.c. ----- | 3 881.8 | 3 471.4 | 3 244.1 | 2 756.7 | 3 074.9 | 2 589.0 | 1 455.3 | 922.4 |
| 39991 | Chemical fire-extinguishing equipment and parts----- | 333.5 | 317.2 | 263.0 | 237.9 | 224.1 | 216.8 | 125.7 | 94.6 |
| 39992 | Coin-operated amusement machines----- | 1 086.9 | 815.7 | 690.8 | 492.9 | 336.6 | 242.2 | 91.1 | 47.7 |
| 39993 | Matches----- | 97.1 | 114.8 | 117.8 | 102.1 | 104.6 | 105.5 | 81.6 | 66.2 |
| 39994 | Candles----- | 257.6 | 225.8 | 206.0 | 186.0 | 196.8 | 160.3 | 100.8 | 55.1 |
| 39995 | Lampshades----- | 41.8 | 59.1 | 53.4 | 58.9 | 55.4 | 51.4 | 36.9 | 27.4 |
| 39996 | Furs, dressed and dyed----- | 96.7 | 88.9 | 83.6 | 100.8 | 78.7 | 76.2 | 42.3 | 39.8 |
| 39997 | Umbrellas, parasols, and canes----- | 64.9 | 51.1 | 53.7 | 48.9 | 54.6 | 36.0 | 37.8 | 40.3 |
| 39999 | Miscellaneous fabricated products, n.e.c.----- | 1 028.8 | 1 317.2 | 1 309.7 | 1 162.7 | 1 361.5 | 1 086.3 | 621.6 | 390.5 |
| 39990 | Manufacturing industries, n.e.c., n.s.k.----- | 874.6 | 481.5 | 466.0 | 366.7 | (S) | 614.2 | 317.5 | 160.9 |

¹Figures are estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures and, therefore, may differ from results that would be obtained from a complete canvass of all manufacturing establishments. Standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

²For 1982, collagen sausage casings are included in industry 2013. For 1981 and prior years, they were included with meat and sausage casings in industry 3079, Miscellaneous Plastics Products.

³Industry 2016 includes products made in slaughtering plants. Industry 2017 includes products not made in slaughtering plants. It was necessary to combine selected 2016 product classes with those of 2017 to avoid disclosing data for individual companies. For 1972 and prior years, product classes were not collected on a basis comparable with 1977 through 1982.

⁴Individual product codes included in this class for 1972 differ from the 1967 definition. Products shifting into or out of this class of product represent approximately 10 percent of the total 1967 shipments of the U.S. level.

⁵Data for product class codes 20322 and 20324 have been combined to avoid disclosing data for individual companies.

⁶Figures relate to shipments rather than production.

⁷Data for product class 20370, Frozen Fruits and Vegetables, N.S.K., are included with product class 20386, Frozen Specialties, N.S.K. As a result, total for industry 2037 is understated by approximately 5 percent.

⁸For 1972 and later years, individual product codes included in this product class differed significantly from prior years. Products shifting into or out of this product class represented more than 15 percent of total shipments at the U.S. level.

⁹For 1972, product class 20512 was new. In prior years, figures were included in product class 20511.

¹⁰In 1977, cotton sheets and pillowcases made in weaving mills were included in product class 22118. For 1982, these products are included in product class 2211A.

¹¹1977 data for product class 22219 are not comparable with data for prior years due to exclusion of bed and camp blankets, motor robes, etc.

¹²For purposes of comparability with prior year annual survey of manufactures data, value of shipments of knitting mills (industry group 225) has been excluded.

¹³Figure includes product shipments for commission work on men's and boys' clothing, n.e.c., old product class code 23299. Since 1973, this has been collected under code 9300000, receipts for contract work. The values for the old product class were \$94.7 million in 1972 and \$60.2 million in 1967.

¹⁴1972 and 1967 data for product classes 24211, 24212, and 24218 are not completely comparable to subsequent years, due to 1977 revision to product class structure for industry 2421. For 1977, railway crossties and mine ties were switched from 24211 to 24218 and wood siding from 24211 to 24218.

¹⁵For 1967, individual product codes included in product class differ from 1972 and subsequent years. Products shifting into or out of this product class represent approximately 7 percent of total 1967 shipments.

¹⁶For 1967, product class 24350 included data for product class 24360.

¹⁷For 1977 through 1981, prefinished medium density fiber (MDF) made from purchased MDF was included with product class 24993.

¹⁸1972 data for product classes 25913, 25914, and 25915 are not completely comparable to data for 1977 and subsequent years due to 1977 revision to product class structure for industry 2591.

¹⁹Prior to 1977, value of shipments for industries 2823 and 2824 excluded shipments of producer textured manmade fibers. Data for those years were included in industry 2282, product class 22824.

²⁰1982 totals for product classes 28317, 28318, and 2831A are not comparable to prior years due to 1982 revision to product class structure for industry 2831.

²¹Prior to 1972, industry 2869 included values for urea. Due to revisions to Standard Industrial Classification product classes, urea became product code 28732 00 in 1972.

²²Withheld because estimated figure is negative. This is the consequence of using difference method of estimation (see Estimating Procedure in appendixes) and of improved establishment reporting that resulted in changing classification of shipments from n.s.k. code for 1977 Census to specified five-digit product classes for this year. Four-digit total is best estimate, even though smaller than sum of five-digit values.

²³For 1982, product class codes 31111, 31112, 31113, 31114, and 31115 were combined into product class code 31116.

²⁴Includes laminated glass made by primary producers (3211), as well as laminated glass made from purchased glass (3231). Separate totals are withheld to avoid disclosing data for individual companies.

²⁵Data for 32313 have been combined with 32113, shown as part of 3211, and excluded from 3231. Separate totals are withheld to avoid disclosing data for individual companies.

²⁶Product class 35195 is combined with product class 35197 to avoid disclosing data for individual companies.

²⁷For 1967, product class 35234 was combined with product class 35237 to avoid disclosing data for individual companies.

²⁸Individual product codes included in product class for 1972 differ from codes for 1967. Products shifting into or out of this product class represent approximately 12 percent of total 1967 shipments.

²⁹For 1972, product class 35230 included data not specified by kind for industry 3524.

³⁰Product class structure of industry changed significantly between 1976 and 1977; 1977 data are not comparable with data for prior years. Industry 3524 was created for 1972 (formerly a part of industry 3522); thus, no comparable data prior to 1972 exist.

³¹For 1976 and prior years, data for portable water well and blast hole drilling rigs were contained in either product class 35319 or 35335. For 1977, data for these rigs were contained in product class 35335 only.

³²For 1982, parts for portable drilling rigs are included with product class 35335. For 1981 and prior years, parts for portable drilling rigs were included with product class 35333.

³³For 1976 and prior years, data for product classes 35353 and 35355 were combined.

³⁴For 1976 and prior years, data for product classes 35354 and 35356 were combined.

³⁵For 1972 and later years, data for automatic stacking machines and parts and attachments are included with product class 35362. Prior to 1972, data for these products were included with industry 3537 and were not available separately.

³⁶Individual product codes included in this product class for 1972 differ from 1967 definition. Products shifting into or out of this product class represent approximately 10 percent of total 1967 shipments at the U.S. level.

³⁷For 1972 and 1967, product classes 3541A, 3541B, and 3541C were included with product class 35418.

³⁸For 1967 and later years, diecasting dies (molds) were included in product class 35442. Prior to 1967, these molds were included in product class 35441.

³⁹For 1977 and later years, chain saws and parts were classified in industry 3546. Prior to 1977, chain saws and parts were classified in industry 3553.

⁴⁰For 1967, product classes 35461 and 35462 were included with product class 35463.

⁴¹Prior to 1977, hydraulic and internal combustion engine driven hand tools and parts (excluding chain saws and parts) were classified in industry 3546, but not collected separately.

⁴²Prior to 1972, product class 35490 included product classes 35460 and 35470.

⁴³Prior to 1977, data for product class 35492 were combined with product class 35495.

⁴⁴Before 1982, separate data were not available for product classes 36624, 36626, and 36628. The combined total is shown with product class 36628.

⁴⁵Automated blood and body fluid analyzers were recoded from product class 36933 to product class 38326 after 1977 data were originally published.

⁴⁶Switches specifically designed for use in vehicles and aircraft (all types: starting, lighting, ignition, etc.) were recoded from product class 36947 and 36433 in the 1982 Census of Manufactures. Data were corrected for the 1977 Census of Manufactures, but information was not available to correct data for years before 1977, and 1978 to 1981.

CHAPTER 4.

Geographic Area Statistics

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Table 1. Statistics for All Manufacturing Establishments Including Auxiliaries by State: 1982 and Earlier Census Years

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Geographic area and year | | All establishments ^{1 2} | | All employees ² | | Production workers | | | Value added by manufacture (million dollars) | Cost of materials ³ (million dollars) | Value of shipments ³ (million dollars) | New capital expenditures (million dollars) |
|------------------------------------|--|-----------------------------------|------------------------------------|----------------------------|---------------------------|--------------------|------------------|-------------------------|--|--|---|--|
| | | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| United States ----- 1982... | | 358 061 | 123 163 | 19 094.1 | 379 626.5 | 12 400.6 | 23 538.3 | 204 787.2 | 824 117.7 | 1130 142.7 | 1 960 205.8 | 74 561.5 |
| 1977... | | 359 928 | 118 699 | 19 590.1 | 264 013.1 | 13 691.0 | 26 686.7 | 157 163.7 | 585 165.6 | 782 417.7 | 1 358 526.4 | 47 459.0 |
| 1972... | | 320 710 | 114 195 | 19 028.7 | 174 205.5 | 13 527.9 | 26 699.0 | 105 501.8 | 353 994.0 | 407 418.7 | 756 534.3 | 24 077.7 |
| 1967... | | 311 140 | 110 256 | 19 322.9 | 132 208.4 | 13 955.3 | 27 837.6 | 81 393.6 | 261 983.8 | 298 513.7 | 557 397.8 | 21 503.0 |
| Alabama ----- 1982... | | 5 528 | 1 968 | 329.6 | 5 234.4 | 253.6 | 479.8 | 3 595.5 | 12 045.7 | 17 535.5 | 29 794.3 | 1 540.2 |
| 1977... | | 5 863 | 1 855 | 341.0 | 3 773.2 | 273.0 | 525.2 | 2 697.6 | 8 405.9 | 12 814.7 | 21 010.1 | 1 318.9 |
| 1972... | | 4 984 | 1 630 | 322.6 | 2 396.8 | 262.2 | 519.3 | 1 730.8 | 5 064.8 | 6 254.4 | 11 239.5 | 355.1 |
| 1967... | | 4 951 | 1 446 | 288.8 | 1 602.8 | 235.3 | 466.6 | 1 166.6 | 3 525.5 | 3 956.4 | 7 442.9 | 378.9 |
| Alaska ----- 1982... | | 445 | 144 | 12.8 | 269.5 | 10.0 | 18.3 | 196.6 | 769.2 | 1 805.8 | 2 579.9 | 58.5 |
| 1977... | | 429 | 128 | 11.4 | 166.0 | 9.3 | 16.9 | 122.7 | 504.2 | 767.2 | 1 250.3 | 178.1 |
| 1972... | | 342 | 91 | 7.5 | 75.1 | 6.1 | 11.6 | 56.5 | 170.4 | 191.8 | 366.1 | 21.8 |
| 1967... | | 323 | 95 | 7.6 | 55.6 | 6.3 | 11.7 | 42.7 | 130.4 | 147.8 | 278.2 | 14.7 |
| Arizona ----- 1982... | | 3 407 | 854 | 149.8 | 3 036.9 | 86.7 | 165.2 | 1 423.4 | 6 162.4 | 6 726.3 | 12 907.2 | 765.2 |
| 1977... | | 2 892 | 677 | 110.9 | 1 462.9 | 69.8 | 135.0 | 780.7 | 3 332.9 | 3 773.4 | 7 022.4 | 213.7 |
| 1972... | | 2 037 | 597 | 93.9 | 855.1 | 62.3 | 121.1 | 481.5 | 1 879.6 | 2 233.7 | 4 041.2 | 198.4 |
| 1967... | | 1 630 | 424 | 76.8 | 543.2 | 50.8 | 101.8 | 308.6 | 995.3 | 1 003.9 | 2 003.7 | 109.9 |
| Arkansas ----- 1982... | | 3 313 | 1 161 | 189.8 | 2 823.7 | 148.8 | 279.1 | 1 931.7 | 7 755.3 | 12 002.1 | 19 746.5 | 701.2 |
| 1977... | | 3 595 | 1 101 | 197.1 | 1 932.4 | 160.6 | 310.4 | 1 400.7 | 4 881.6 | 7 554.1 | 12 276.1 | 470.1 |
| 1972... | | 2 897 | 1 053 | 180.9 | 1 151.7 | 150.1 | 298.4 | 853.4 | 2 799.8 | 3 754.8 | 6 504.2 | 190.0 |
| 1967... | | 2 911 | 927 | 143.6 | 665.6 | 120.7 | 239.6 | 497.3 | 1 557.7 | 2 354.2 | 3 877.1 | 172.6 |
| California ----- 1982... | | 47 625 | 14 467 | 2 004.8 | 42 630.0 | 1 209.3 | 2 317.6 | 20 560.6 | 94 388.4 | 105 569.9 | 199 695.4 | 8 439.4 |
| 1977... | | 45 289 | 12 883 | 1 751.5 | 24 671.5 | 1 142.6 | 2 224.2 | 13 150.5 | 54 862.4 | 66 881.2 | 120 895.8 | 3 385.4 |
| 1972... | | 35 699 | 11 149 | 1 545.1 | 15 483.1 | 1 020.0 | 1 974.9 | 8 430.4 | 31 175.2 | 32 603.2 | 62 902.6 | 1 649.0 |
| 1967... | | 31 962 | 10 012 | 1 583.5 | 12 514.5 | 1 044.9 | 2 089.7 | 6 877.8 | 23 393.6 | 24 156.7 | 47 106.1 | 1 529.2 |
| Colorado ----- 1982... | | 4 406 | 1 167 | 191.4 | 3 983.2 | 109.8 | 207.5 | 1 876.7 | 8 056.8 | 9 958.6 | 17 963.1 | 892.2 |
| 1977... | | 3 948 | 961 | 152.5 | 2 124.8 | 97.7 | 190.1 | 1 141.3 | 4 471.8 | 5 594.2 | 10 018.0 | 443.1 |
| 1972... | | 2 841 | 834 | 132.6 | 1 297.8 | 89.0 | 176.7 | 769.7 | 2 504.3 | 3 319.7 | 5 792.9 | 228.8 |
| 1967... | | 2 461 | 664 | 104.0 | 730.5 | 71.2 | 143.4 | 444.8 | 1 509.2 | 1 733.0 | 3 226.6 | 99.6 |
| Connecticut ----- 1982... | | 6 693 | 2 537 | 424.4 | 9 059.6 | 245.0 | 478.8 | 4 095.0 | 16 373.4 | 13 697.3 | 30 066.5 | 1 054.2 |
| 1977... | | 6 485 | 2 366 | 412.1 | 5 852.3 | 255.3 | 509.0 | 2 901.8 | 10 933.9 | 9 084.4 | 19 842.2 | 566.0 |
| 1972... | | 5 836 | 2 231 | 399.3 | 3 860.0 | 258.2 | 520.9 | 2 068.7 | 6 828.3 | 5 384.6 | 12 121.0 | 331.6 |
| 1967... | | 5 829 | 2 231 | 477.7 | 3 494.3 | 329.9 | 684.6 | 2 066.0 | 6 389.8 | 5 284.1 | 11 619.7 | 445.7 |
| Delaware ----- 1982... | | 632 | 248 | 67.9 | 1 742.9 | 31.7 | 60.5 | 557.0 | 2 466.7 | 5 891.2 | 8 382.8 | 322.1 |
| 1977... | | 619 | 231 | 66.5 | 1 140.6 | 32.3 | 63.0 | 409.9 | 1 595.7 | 3 635.3 | 5 208.7 | 148.2 |
| 1972... | | 567 | 243 | 69.1 | 754.5 | 37.7 | 73.9 | 304.4 | 1 291.9 | 2 108.8 | 3 387.9 | 91.5 |
| 1967... | | 528 | 253 | 70.7 | 588.4 | 38.8 | 75.8 | 228.1 | 958.4 | 1 520.8 | 2 484.3 | 115.9 |
| District of Columbia ----- 1982... | | 514 | 127 | 16.7 | 393.7 | 6.4 | 12.0 | 125.3 | 928.6 | 606.4 | 1 537.1 | 55.1 |
| 1977... | | 555 | 130 | 18.6 | 297.6 | 7.5 | 13.3 | 102.3 | 610.2 | 377.7 | 984.4 | 18.1 |
| 1972... | | 564 | 135 | 19.4 | 220.0 | 9.4 | 16.5 | 96.7 | 389.0 | 250.7 | 630.9 | 18.9 |
| 1967... | | 593 | 155 | 23.1 | 178.7 | 11.7 | 21.7 | 77.4 | 332.8 | 258.8 | 589.7 | 17.0 |
| Florida ----- 1982... | | 13 723 | 3 599 | 454.4 | 7 773.2 | 292.2 | 566.6 | 3 955.8 | 18 111.8 | 20 610.8 | 38 683.3 | 1 960.6 |
| 1977... | | 12 399 | 2 915 | 358.0 | 4 133.1 | 249.6 | 485.2 | 2 335.5 | 9 255.1 | 11 898.4 | 20 980.6 | 737.3 |
| 1972... | | 10 275 | 2 893 | 342.9 | 2 750.3 | 242.0 | 481.5 | 1 580.8 | 5 786.8 | 6 276.8 | 11 957.7 | 463.0 |
| 1967... | | 7 950 | 2 186 | 285.1 | 1 754.7 | 197.3 | 399.8 | 990.0 | 3 682.7 | 3 704.1 | 7 322.9 | 300.7 |
| Georgia ----- 1982... | | 8 534 | 3 148 | 503.0 | 7 905.7 | 369.4 | 705.0 | 4 863.9 | 19 191.8 | 29 101.3 | 48 056.0 | 1 921.7 |
| 1977... | | 8 623 | 2 906 | 484.7 | 5 124.5 | 376.2 | 740.6 | 3 404.4 | 12 548.8 | 20 365.4 | 32 856.4 | 1 143.4 |
| 1972... | | 7 627 | 2 663 | 467.5 | 3 336.0 | 368.6 | 737.5 | 2 242.8 | 7 385.8 | 11 022.2 | 18 374.2 | 688.9 |
| 1967... | | 6 976 | 2 268 | 423.1 | 2 231.2 | 339.3 | 684.6 | 1 522.2 | 4 683.6 | 7 054.6 | 11 713.0 | 423.3 |
| Hawaii ----- 1982... | | 966 | 237 | 23.6 | 360.3 | 16.0 | 29.9 | 217.5 | 1 119.6 | 2 357.5 | 3 443.0 | 89.4 |
| 1977... | | 949 | 231 | 25.0 | 276.8 | 17.4 | 31.3 | 160.5 | 785.5 | 1 176.1 | 1 974.0 | 44.4 |
| 1972... | | 773 | 238 | 24.8 | 191.1 | 17.7 | 33.1 | 113.7 | 410.0 | 548.3 | 955.6 | 46.7 |
| 1967... | | 697 | 215 | 25.4 | 139.6 | 19.0 | 35.9 | 86.9 | 326.2 | 399.6 | 723.4 | 26.0 |
| Idaho ----- 1982... | | 1 404 | 354 | 47.6 | 864.8 | 34.0 | 62.6 | 545.2 | 2 076.5 | 3 222.5 | 5 369.6 | 147.3 |
| 1977... | | 1 495 | 379 | 51.6 | 625.2 | 39.8 | 76.5 | 431.9 | 1 430.0 | 2 233.6 | 3 657.7 | 158.7 |
| 1972... | | 1 190 | 350 | 43.0 | 339.9 | 34.3 | 66.0 | 244.6 | 820.8 | 1 257.4 | 2 069.0 | 74.9 |
| 1967... | | 1 131 | 303 | 37.1 | 219.9 | 29.0 | 56.9 | 157.0 | 503.4 | 713.4 | 1 224.5 | 57.7 |
| Illinois ----- 1982... | | 18 618 | 7 102 | 1 068.7 | 22 680.9 | 669.6 | 1 256.4 | 11 931.4 | 47 704.6 | 64 144.8 | 112 928.8 | 3 372.3 |
| 1977... | | 19 517 | 7 441 | 1 286.2 | 18 740.8 | 857.8 | 1 676.7 | 10 756.0 | 40 279.1 | 53 342.1 | 93 081.3 | 2 661.5 |
| 1972... | | 18 617 | 7 345 | 1 306.1 | 12 801.1 | 901.0 | 1 780.3 | 7 614.9 | 25 848.9 | 28 146.3 | 53 553.1 | 1 564.1 |
| 1967... | | 18 536 | 7 477 | 1 397.3 | 10 013.9 | 995.1 | 1 978.8 | 6 180.0 | 20 016.5 | 21 559.6 | 41 333.7 | 1 493.4 |
| Indiana ----- 1982... | | 7 960 | 3 184 | 585.1 | 12 559.3 | 406.0 | 759.1 | 7 821.4 | 25 747.0 | 36 762.3 | 63 331.9 | 2 232.7 |
| 1977... | | 8 061 | 3 229 | 705.9 | 10 438.9 | 521.9 | 1 024.8 | 7 046.5 | 22 717.6 | 29 829.1 | 52 172.2 | 2 078.0 |
| 1972... | | 7 354 | 3 049 | 703.9 | 6 881.5 | 526.1 | 1 041.7 | 4 640.8 | 14 111.6 | 15 327.1 | 29 167.7 | 907.3 |
| 1967... | | 6 920 | 2 917 | 710.2 | 5 023.2 | 543.6 | 1 078.1 | 3 453.5 | 10 308.0 | 11 706.0 | 21 856.0 | 1 004.4 |
| Iowa ----- 1982... | | 3 598 | 1 223 | 212.8 | 4 403.2 | 140.0 | 259.2 | 2 648.8 | 12 077.9 | 19 369.6 | 31 397.0 | 688.6 |
| 1977... | | 3 783 | 1 245 | 240.3 | 3 382.5 | 170.6 | 331.7 | 2 191.3 | 8 684.4 | 14 943.6 | 23 514.9 | 677.8 |
| 1972... | | 3 387 | 1 170 | 215.5 | 2 038.8 | 157.0 | 311.2 | 1 355.0 | 4 757.7 | 7 945.0 | 12 599.8 | 329.4 |
| 1967... | | 3 388 | 1 092 | 210.1 | 1 434.6 | 154.0 | 310.0 | 946.1 | 3 250.9 | 5 498.1 | 8 681.0 | 230.7 |
| Kansas ----- 1982... | | 3 235 | 1 103 | 170.6 | 3 322.8 | 112.8 | 217.9 | 1 957.8 | 8 436.5 | 18 104.1 | 26 753.4 | 613.3 |
| 1977... | | 3 270 | 1 037 | 168.1 | 2 114.8 | 121.6 | 241.5 | 1 370.8 | 5 337.8 | 10 783.0 | 15 987.3 | 345.4 |
| 1972... | | 2 839 | 957 | 137.0 | 1 181.1 | 101.3 | 202.5 | 782.8 | 2 915.4 | 5 237.8 | 8 062.5 | 199.2 |
| 1967... | | 2 551 | 812 | 143.8 | 964.8 | 106.5 | 218.1 | 655.4 | | | | |

Table 1. Statistics for All Manufacturing Establishments Including Auxiliaries by State: 1982 and Earlier Census Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Geographic area and year | | All establishments ^{1 2} | | All employees ² | | Production workers | | | Value added by manufacture (million dollars) | Cost of materials ³ (million dollars) | Value of shipments ³ (million dollars) | New capital expenditures (million dollars) |
|--------------------------|------|-----------------------------------|------------------------------------|----------------------------|---------------------------|--------------------|------------------|-------------------------|--|--|---|--|
| | | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| Massachusetts | 1982 | 11 017 | 4 290 | 643.4 | 12 353.1 | 397.0 | 765.2 | 6 000.6 | 25 967.5 | 22 145.8 | 48 203.9 | 1 667.3 |
| | 1977 | 11 133 | 4 054 | 613.4 | 7 818.8 | 407.9 | 791.9 | 4 199.2 | 16 348.6 | 14 075.4 | 30 144.2 | 952.8 |
| | 1972 | 10 770 | 4 471 | 618.9 | 5 486.0 | 416.0 | 812.1 | 3 027.0 | 10 677.5 | 8 616.7 | 19 133.9 | 537.5 |
| | 1967 | 10 963 | 4 471 | 713.6 | 4 646.3 | 507.9 | 999.0 | 2 755.3 | 8 715.0 | 7 294.4 | 15 925.5 | 493.7 |
| Michigan | 1982 | 15 158 | 5 010 | 883.9 | 22 223.0 | 563.6 | 1 090.5 | 12 504.9 | 39 118.1 | 59 962.5 | 99 715.0 | 3 503.0 |
| | 1977 | 15 627 | 5 380 | 1 115.9 | 20 054.0 | 789.4 | 1 626.3 | 12 720.6 | 37 566.0 | 56 775.9 | 93 757.1 | 3 739.2 |
| | 1972 | 14 461 | 5 019 | 1 076.2 | 12 745.1 | 768.1 | 1 582.6 | 8 094.7 | 23 375.7 | 30 821.3 | 54 039.3 | 2 071.4 |
| | 1967 | 14 340 | 5 157 | 1 134.1 | 9 357.2 | 816.7 | 1 669.2 | 6 008.0 | 17 241.6 | 22 011.1 | 39 133.2 | 1 360.2 |
| Minnesota | 1982 | 6 775 | 2 214 | 350.0 | 7 422.9 | 200.6 | 376.2 | 3 428.4 | 15 366.9 | 19 853.5 | 35 321.3 | 1 193.0 |
| | 1977 | 6 637 | 2 126 | 331.7 | 4 693.0 | 211.1 | 403.8 | 2 413.1 | 9 605.2 | 13 598.6 | 23 021.2 | 576.4 |
| | 1972 | 5 698 | 1 930 | 302.2 | 2 889.0 | 196.1 | 382.8 | 1 555.1 | 5 523.8 | 7 443.4 | 12 901.3 | 305.5 |
| | 1967 | 5 409 | 1 778 | 299.8 | 2 106.5 | 198.8 | 398.7 | 1 177.6 | 4 080.2 | 5 449.1 | 9 443.2 | 231.3 |
| Mississippi | 1982 | 3 126 | 1 223 | 201.7 | 2 880.8 | 158.2 | 299.2 | 1 977.6 | 7 824.9 | 11 576.8 | 19 488.0 | 1 154.3 |
| | 1977 | 3 289 | 1 147 | 219.4 | 2 061.5 | 177.9 | 348.1 | 1 477.3 | 5 619.3 | 7 279.4 | 12 765.8 | 470.8 |
| | 1972 | 2 727 | 1 066 | 200.4 | 1 302.4 | 166.9 | 332.0 | 958.6 | 2 824.7 | 3 766.3 | 6 540.8 | 235.9 |
| | 1967 | 2 761 | 925 | 160.4 | 764.0 | 133.8 | 269.7 | 560.9 | 1 635.3 | 2 111.8 | 3 719.3 | 276.2 |
| Missouri | 1982 | 7 069 | 2 467 | 405.9 | 8 013.2 | 256.4 | 477.2 | 4 198.9 | 18 333.8 | 24 160.9 | 41 459.4 | 1 339.8 |
| | 1977 | 7 355 | 2 430 | 433.3 | 5 709.1 | 299.1 | 572.4 | 3 408.5 | 13 087.0 | 20 098.8 | 33 162.5 | 780.9 |
| | 1972 | 6 732 | 2 470 | 434.3 | 3 897.3 | 299.8 | 583.8 | 2 305.4 | 8 169.0 | 10 805.9 | 18 773.8 | 395.9 |
| | 1967 | 6 545 | 2 457 | 452.2 | 3 048.9 | 320.9 | 631.3 | 1 851.7 | 5 895.0 | 8 229.0 | 14 085.4 | 346.8 |
| Montana | 1982 | 1 090 | 176 | 20.2 | 379.1 | 14.6 | 27.0 | 265.0 | 713.5 | 2 954.5 | 3 668.2 | 74.6 |
| | 1977 | 1 168 | 202 | 23.5 | 311.8 | 18.4 | 35.9 | 236.0 | 802.2 | 1 872.3 | 2 669.9 | 97.8 |
| | 1972 | 943 | 206 | 21.4 | 184.6 | 17.1 | 33.6 | 137.7 | 462.5 | 1 129.6 | 1 596.7 | 75.8 |
| | 1967 | 923 | 191 | 20.4 | 129.5 | 16.1 | 32.1 | 96.4 | 311.6 | 660.2 | 967.3 | 68.9 |
| Nebraska | 1982 | 1 928 | 633 | 91.1 | 1 624.4 | 64.4 | 124.3 | 1 014.8 | 4 444.5 | 10 628.0 | 15 143.2 | 245.3 |
| | 1977 | 1 965 | 626 | 87.7 | 1 075.4 | 62.8 | 124.0 | 680.9 | 2 867.1 | 5 864.0 | 8 713.4 | 175.1 |
| | 1972 | 1 723 | 598 | 84.9 | 704.2 | 63.2 | 127.6 | 469.2 | 1 733.4 | 4 220.5 | 5 898.4 | 102.3 |
| | 1967 | 1 675 | 525 | 77.0 | 475.9 | 58.4 | 119.2 | 325.0 | 1 150.0 | 2 402.7 | 3 531.7 | 71.4 |
| Nevada | 1982 | 851 | 177 | 20.4 | 356.2 | 13.1 | 24.8 | 209.7 | 862.6 | 895.6 | 1 755.6 | 80.3 |
| | 1977 | 729 | 147 | 15.0 | 191.6 | 10.0 | 19.3 | 113.4 | 495.2 | 461.0 | 942.0 | 46.4 |
| | 1972 | 447 | 104 | 10.0 | 91.7 | 6.9 | 13.5 | 57.2 | 207.7 | 222.1 | 423.4 | 23.5 |
| | 1967 | 330 | 74 | 7.0 | 49.6 | 4.8 | 9.3 | 31.2 | 133.8 | 117.2 | 250.0 | 15.4 |
| New Hampshire | 1982 | 1 981 | 721 | 107.4 | 1 792.0 | 75.3 | 144.9 | 1 054.9 | 4 004.0 | 3 609.3 | 7 635.6 | 246.2 |
| | 1977 | 1 825 | 623 | 95.3 | 1 029.0 | 72.0 | 138.0 | 645.3 | 2 174.7 | 1 893.7 | 4 032.3 | 162.0 |
| | 1972 | 1 434 | 566 | 89.7 | 663.2 | 67.7 | 131.4 | 414.0 | 1 278.6 | 1 034.2 | 2 288.7 | 99.1 |
| | 1967 | 1 481 | 566 | 94.9 | 512.6 | 76.6 | 151.0 | 364.3 | 931.9 | 802.8 | 1 716.8 | 75.6 |
| New Jersey | 1982 | 15 126 | 5 756 | 754.0 | 15 845.0 | 440.4 | 842.7 | 7 206.7 | 31 656.0 | 38 430.8 | 70 419.9 | 2 061.3 |
| | 1977 | 15 696 | 5 775 | 778.3 | 10 924.2 | 489.6 | 955.8 | 5 561.7 | 22 852.8 | 28 633.9 | 51 279.4 | 1 376.3 |
| | 1972 | 13 790 | 5 918 | 836.1 | 8 107.2 | 546.6 | 1 070.9 | 4 353.7 | 16 408.9 | 16 149.8 | 32 409.1 | 940.1 |
| | 1967 | 14 740 | 5 903 | 881.3 | 6 325.4 | 603.7 | 1 203.7 | 3 617.8 | 12 738.2 | 13 151.2 | 25 761.7 | 824.3 |
| New Mexico | 1982 | 1 223 | 299 | 33.0 | 521.2 | 22.2 | 41.8 | 296.6 | 1 397.7 | 2 431.8 | 3 815.4 | 120.8 |
| | 1977 | 1 323 | 258 | 29.0 | 296.9 | 20.9 | 39.5 | 183.8 | 733.5 | 1 289.4 | 2 009.2 | 75.0 |
| | 1972 | 926 | 277 | 23.6 | 157.2 | 17.2 | 32.9 | 96.0 | 358.0 | 567.2 | 910.4 | 30.8 |
| | 1967 | 749 | 169 | 16.9 | 98.6 | 11.3 | 22.3 | 55.6 | 204.5 | 284.3 | 486.3 | 10.6 |
| New York | 1982 | 32 651 | 10 670 | 1 418.8 | 29 156.0 | 836.3 | 1 613.0 | 13 269.9 | 62 906.6 | 58 009.8 | 121 468.6 | 4 267.1 |
| | 1977 | 36 578 | 11 425 | 1 509.9 | 20 876.1 | 958.1 | 1 827.5 | 10 418.8 | 44 289.8 | 42 441.9 | 86 216.4 | 2 530.2 |
| | 1972 | 41 684 | 14 353 | 1 679.3 | 16 222.0 | 1 076.2 | 2 068.2 | 8 174.3 | 30 403.5 | 28 341.1 | 58 558.6 | 1 506.0 |
| | 1967 | 42 911 | 14 730 | 1 929.3 | 13 851.5 | 1 284.5 | 2 509.8 | 7 334.7 | 25 246.7 | 24 458.6 | 49 418.7 | 1 310.3 |
| North Carolina | 1982 | 10 133 | 4 378 | 798.6 | 11 717.1 | 604.9 | 1 116.0 | 7 297.3 | 28 492.2 | 35 634.0 | 64 176.2 | 2 583.8 |
| | 1977 | 9 954 | 4 005 | 765.3 | 7 518.5 | 611.3 | 1 186.5 | 5 086.3 | 18 230.6 | 23 009.8 | 40 912.2 | 1 345.3 |
| | 1972 | 8 632 | 3 794 | 743.7 | 4 929.1 | 604.0 | 1 211.0 | 3 427.3 | 11 014.5 | 13 296.7 | 24 123.9 | 986.8 |
| | 1967 | 8 266 | 3 379 | 643.3 | 3 066.1 | 537.8 | 1 070.2 | 2 210.1 | 6 606.5 | 8 592.8 | 15 129.6 | 664.6 |
| North Dakota | 1982 | 587 | 142 | 14.8 | 245.6 | 9.7 | 18.0 | 141.2 | 652.1 | 1 820.5 | 2 465.0 | 101.1 |
| | 1977 | 571 | 145 | 13.8 | 162.3 | 9.2 | 17.7 | 97.2 | 473.3 | 842.7 | 1 312.9 | 53.0 |
| | 1972 | 482 | 117 | 10.2 | 78.6 | 7.1 | 14.4 | 47.7 | 200.7 | 379.3 | 593.9 | 13.3 |
| | 1967 | 456 | 92 | 7.5 | 41.6 | 5.2 | 10.7 | 26.1 | 112.8 | 255.5 | 365.4 | 6.3 |
| Ohio | 1982 | 16 960 | 6 515 | 1 102.0 | 24 740.1 | 694.9 | 1 326.3 | 13 816.3 | 49 640.9 | 61 943.9 | 112 277.6 | 4 216.3 |
| | 1977 | 17 354 | 6 728 | 1 331.2 | 20 356.0 | 924.4 | 1 838.5 | 12 907.5 | 43 054.7 | 52 736.3 | 95 234.7 | 2 790.7 |
| | 1972 | 16 390 | 6 487 | 1 346.3 | 13 810.0 | 940.0 | 1 887.8 | 8 717.0 | 27 171.0 | 28 285.6 | 55 025.4 | 1 695.4 |
| | 1967 | 15 428 | 6 487 | 1 397.0 | 10 523.6 | 998.1 | 2 014.5 | 6 745.4 | 20 435.4 | 21 589.5 | 41 845.3 | 1 694.1 |
| Oklahoma | 1982 | 4 168 | 1 248 | 196.9 | 4 009.9 | 121.1 | 233.6 | 2 065.1 | 8 143.0 | 14 999.7 | 23 116.1 | 841.3 |
| | 1977 | 3 818 | 1 067 | 164.4 | 2 050.9 | 110.4 | 214.3 | 1 164.3 | 4 662.3 | 8 048.4 | 12 564.5 | 485.8 |
| | 1972 | 3 042 | 897 | 142.7 | 1 187.9 | 95.7 | 186.1 | 659.0 | 2 270.1 | 3 132.0 | 5 348.1 | 223.8 |
| | 1967 | 2 611 | 745 | 117.7 | 764.2 | 78.7 | 157.8 | 423.0 | 1 346.2 | 1 962.7 | 3 292.3 | 80.9 |
| Oregon | 1982 | 5 659 | 1 443 | 185.1 | 3 783.2 | 129.6 | 237.9 | 2 333.7 | 7 973.0 | 9 883.4 | 17 897.3 | 644.0 |
| | 1977 | 5 716 | 1 580 | 202.4 | 2 760.0 | 155.1 | 291.6 | 1 901.7 | 6 138.0 | 8 317.0 | 14 370.0 | 574.5 |
| | 1972 | 4 670 | 1 461 | 178.6 | 1 627.3 | 141.5 | 271.3 | 1 170.0 | 3 489.9 | 4 104.3 | 7 571.2 | 267.3 |
| | 1967 | 4 437 | 1 275 | 163.1 | 1 082.5 | 131.2 | 254.8 | 798.2 | 2 060.5 | 2 552.2 | 4 612.2 | 234.2 |
| Pennsylvania | 1982 | 17 666 | 7 497 | 1 800.0 | 23 314.5 | 772.2 | 1 435.9 | 12 855.6 | 44 824.1 | 56 542.0 | 102 939.9 | 3 390.9 |
| | 1977 | 18 735 | 7 704 | 1 329.2 | 18 042.7 | 934.1 | 1 781.6 | 10 948.8 | 36 016.9 | 44 393.0 | 79 844.8 | 2 297.4 |
| | 1972 | 18 398 | 8 070 | 1 417.5 | 12 794.1 | 1 015.0 | 1 953.9 | 7 885.7 | 23 518.5 | 25 160.6 | 48 344.8 | 1 479.3 |
| | 1967 | 18 771 | 8 369 | 1 549.5 | 10 349.7 | 1 136.2 | 2 211.3 | 6 488.7 | 19 276.8 | 19 574.0 | 38 590.5 | 1 633.4 |
| Rhode Island | 1982 | 2 855 | 940 | 113.8 | 1 759.5 | 82.6 | 157.4 | 1 051.3 | 3 792.7 | 3 833.2 | 7 651.7 | 183.8 |
| | 1977 | 3 107 | 945 | 125.0 | 1 326.5 | 94.7 | 177.5 | 825.2 | 2 736.6 | 2 673.5 | 5 364.6 | 145.6 |
| | 1972 | 2 756 | 904 | 118.1 | 888.2 | 91.4 | 174.2 | 565.9 | 1 764.4 | 1 479.3 | 3 218.6 | 100.5 |
| | 1967 | 2 703 | 922 | 122.3 | 700.4 | 96.6 | 188.5 | 466.9 | 1 350.9 | 1 228.1 | 2 560.5 | 74.8 |
| South Carolina | 1982 | 4 206 | 1 723 | 367.5 | 5 539.5 | 279.4 | 522.2 | | | | | |

Table 1. Statistics for All Manufacturing Establishments Including Auxiliaries by State: 1982 and Earlier Census Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Geographic area and year | All establishments ^{1 2} | | All employees ² | | Production workers | | | Value added by manufacture (million dollars) | Cost of materials ³ (million dollars) | Value of shipments ³ (million dollars) | New capital expenditures (million dollars) |
|--------------------------|-----------------------------------|------------------------------------|----------------------------|---------------------------|--------------------|------------------|-------------------------|--|--|---|--|
| | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| Texas | 1982... 20 288 | 7 006 | 1 058.5 | 21 434.9 | 669.5 | 1 306.0 | 11 232.8 | 53 357.8 | 117 599.8 | 171 674.3 | 8 193.2 |
| | 1977... 18 107 | 5 644 | 886.4 | 11 653.1 | 600.7 | 1 190.1 | 6 626.4 | 33 080.9 | 60 395.8 | 92 735.7 | 5 194.7 |
| | 1972... 14 422 | 4 790 | 736.1 | 6 344.6 | 516.6 | 1 030.5 | 3 763.3 | 15 228.0 | 21 355.5 | 36 647.9 | 1 345.7 |
| | 1967... 12 722 | 4 039 | 657.5 | 4 340.4 | 466.4 | 958.5 | 2 617.0 | 10 922.4 | 15 785.0 | 26 498.1 | 1 408.8 |
| Utah | 1982... 1 962 | 579 | 83.2 | 1 538.8 | 54.2 | 103.0 | 837.0 | 3 455.1 | 5 423.4 | 8 960.0 | 327.6 |
| | 1977... 1 748 | 494 | 70.2 | 867.2 | 48.8 | 92.3 | 522.3 | 1 974.0 | 3 172.9 | 5 092.8 | 393.6 |
| | 1972... 1 358 | 430 | 56.6 | 486.2 | 38.8 | 73.7 | 286.9 | 1 068.7 | 1 584.9 | 2 632.0 | 67.9 |
| | 1967... 1 124 | 353 | 47.0 | 314.9 | 31.7 | 62.3 | 182.7 | 777.9 | 911.2 | 1 672.8 | 59.2 |
| Vermont..... | 1982... 1 104 | 310 | 46.8 | 862.7 | 30.0 | 56.2 | 433.8 | 2 036.8 | 1 682.6 | 3 730.4 | 270.9 |
| | 1977... 1 030 | 298 | 41.5 | 498.0 | 28.7 | 55.9 | 270.1 | 1 050.1 | 1 175.9 | 2 189.3 | 93.0 |
| | 1972... 860 | 274 | 36.9 | 311.4 | 26.1 | 52.2 | 176.3 | 576.0 | 639.2 | 1 229.2 | 36.8 |
| | 1967... 925 | 281 | 42.5 | 259.1 | 31.3 | 64.6 | 162.4 | 515.0 | 622.0 | 1 126.9 | 35.1 |
| Virginia..... | 1982... 5 568 | 2 036 | 391.1 | 6 649.0 | 287.4 | 541.1 | 4 191.7 | 17 255.6 | 19 662.3 | 36 802.7 | 1 522.9 |
| | 1977... 5 519 | 1 879 | 395.2 | 4 442.4 | 302.0 | 581.8 | 2 916.8 | 10 882.0 | 13 233.5 | 23 988.6 | 953.0 |
| | 1972... 4 837 | 1 768 | 375.4 | 2 826.0 | 293.2 | 582.9 | 1 902.1 | 6 177.5 | 6 716.7 | 12 823.5 | 585.8 |
| | 1967... 4 938 | 1 620 | 339.8 | 1 905.1 | 268.2 | 535.0 | 1 296.1 | 4 067.7 | 4 543.0 | 8 605.8 | 347.0 |
| Washington..... | 1982... 6 788 | 1 707 | 291.4 | 6 680.6 | 177.6 | 327.0 | 3 624.3 | 12 595.5 | 23 225.6 | 34 665.1 | 1 074.3 |
| | 1977... 6 723 | 1 712 | 265.0 | 4 054.3 | 180.7 | 338.2 | 2 385.0 | 8 955.0 | 12 921.4 | 21 746.9 | 850.0 |
| | 1972... 5 345 | 1 463 | 226.0 | 2 308.4 | 159.8 | 303.3 | 1 410.9 | 4 721.4 | 5 930.1 | 10 815.7 | 353.7 |
| | 1967... 5 014 | 1 375 | 270.7 | 2 119.0 | 177.7 | 344.6 | 1 179.8 | 3 764.2 | 4 777.5 | 8 503.0 | 464.7 |
| West Virginia..... | 1982... 1 662 | 559 | 95.8 | 2 007.0 | 65.2 | 121.5 | 1 233.0 | 4 049.2 | 5 761.0 | 9 868.8 | 393.7 |
| | 1977... 1 857 | 583 | 117.0 | 1 620.5 | 89.2 | 170.9 | 1 124.3 | 3 880.2 | 4 881.5 | 8 705.9 | 402.3 |
| | 1972... 1 733 | 606 | 120.8 | 1 097.6 | 92.7 | 181.8 | 765.4 | 2 646.7 | 2 389.3 | 5 021.9 | 216.0 |
| | 1967... 1 844 | 563 | 124.0 | 831.6 | 96.7 | 189.9 | 587.3 | 2 169.5 | 1 899.8 | 4 046.5 | 269.0 |
| Wisconsin..... | 1982... 8 682 | 3 197 | 496.7 | 10 197.1 | 328.7 | 621.0 | 5 990.3 | 22 545.6 | 29 487.4 | 52 447.8 | 1 547.2 |
| | 1977... 8 678 | 3 163 | 535.0 | 7 317.8 | 381.0 | 745.4 | 4 697.1 | 16 606.0 | 22 362.9 | 38 725.3 | 1 184.4 |
| | 1972... 7 845 | 2 861 | 500.5 | 4 722.3 | 360.5 | 720.5 | 2 062.7 | 9 443.3 | 11 970.1 | 21 245.5 | 535.3 |
| | 1967... 7 838 | 2 727 | 512.2 | 3 577.8 | 374.5 | 754.8 | 2 332.8 | 7 014.1 | 8 511.3 | 15 452.1 | 506.6 |
| Wyoming..... | 1982... 511 | 115 | 9.9 | 183.3 | 6.6 | 13.2 | 115.3 | 407.7 | 2 082.5 | 2 558.4 | 49.8 |
| | 1977... 505 | 102 | 8.5 | 110.9 | 6.2 | 12.1 | 73.9 | 380.8 | 919.2 | 1 287.8 | 36.2 |
| | 1972... 377 | 78 | 7.0 | 56.9 | 5.1 | 10.1 | 39.2 | 143.9 | 312.3 | 451.0 | 23.4 |
| | 1967... 331 | 65 | 5.9 | 37.1 | 4.2 | 8.1 | 23.4 | 86.2 | 192.2 | 280.2 | 7.6 |

¹Includes establishments with payroll at any time during year.

²Includes auxiliaries (see appendixes).

³Aggregate of cost of materials and value of shipments figures include extensive duplication, since products of some industries are used as materials by others (see appendixes).

Table 2a. Summary Statistics by State: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Item | United States | Alabama | Alaska | Arizona | Arkansas | California | Colorado | Connecticut | Delaware |
|--|-----------------------|----------|---------|----------|----------|------------|----------|-------------|----------|
| Companies ¹ | number... 298 429 | 5 207 | 397 | 3 342 | 3 132 | 45 584 | 4 257 | 6 512 | 600 |
| All establishments ² | do... 358 061 | 5 528 | 445 | 3 407 | 3 313 | 47 625 | 4 406 | 8 693 | 632 |
| With 1 to 19 employees | do... 234 898 | 3 560 | 301 | 2 553 | 2 152 | 33 158 | 3 239 | 4 156 | 384 |
| With 20 to 99 employees | do... 86 610 | 1 210 | 114 | 650 | 677 | 10 983 | 883 | 1 767 | 160 |
| With 100 employees or more | do... 36 553 | 758 | 30 | 204 | 484 | 3 484 | 284 | 770 | 88 |
| All employees: | | | | | | | | | |
| Average for year | 1,000... 19 104.1 | 329.6 | 12.8 | 149.8 | 189.8 | 2 004.8 | 191.4 | 424.4 | 67.9 |
| Annual payroll | mil. dol... 379 626.5 | 5 234.4 | 269.5 | 3 036.9 | 2 823.7 | 42 630.0 | 3 983.2 | 9 059.6 | 1 742.9 |
| Production workers: | | | | | | | | | |
| Average for year | 1,000... 12 400.6 | 253.6 | 10.0 | 86.7 | 148.8 | 1 209.3 | 109.8 | 245.0 | 31.7 |
| March | do... 12 718.9 | 259.1 | 8.0 | 90.0 | 150.5 | 1 219.5 | 111.9 | 252.3 | 33.3 |
| May | do... 12 566.9 | 259.0 | 10.0 | 88.0 | 150.3 | 1 210.6 | 111.4 | 248.2 | 32.5 |
| August | do... 12 373.5 | 251.8 | 14.4 | 85.4 | 148.3 | 1 233.2 | 108.8 | 242.2 | 31.8 |
| November | do... 11 944.0 | 244.9 | 7.6 | 83.5 | 146.2 | 1 173.6 | 107.1 | 237.1 | 29.0 |
| Hours | millions... 23 538.3 | 479.8 | 18.3 | 165.2 | 279.1 | 2 317.6 | 207.5 | 478.8 | 60.5 |
| January to March | do... 5 969.6 | 119.9 | 3.5 | 42.5 | 69.6 | 574.4 | 52.5 | 122.6 | 15.2 |
| April to June | do... 6 038.3 | 124.2 | 4.7 | 42.4 | 70.2 | 584.7 | 51.8 | 122.6 | 15.5 |
| July to September | do... 5 809.1 | 118.3 | 6.4 | 40.8 | 70.1 | 589.0 | 51.9 | 114.6 | 15.4 |
| October to December | do... 5 721.3 | 117.4 | 3.8 | 39.5 | 69.2 | 569.5 | 51.3 | 119.0 | 14.3 |
| Wages | mil. dol... 204 787.2 | 3 598.3 | 196.6 | 1 423.4 | 1 931.7 | 20 560.6 | 1 876.7 | 4 095.0 | 557.0 |
| Cost of materials, etc. ³ | do... 1 130 142.7 | 17 535.5 | 1 805.8 | 6 726.3 | 12 002.1 | 105 569.9 | 9 958.6 | 13 697.3 | 5 891.2 |
| Materials, parts, containers, etc., consumed | do... 990 082.6 | 15 036.5 | 1 647.3 | 5 650.8 | 10 512.0 | 90 970.9 | 9 067.1 | 11 161.2 | 5 252.6 |
| Resales | do... 52 017.9 | 492.9 | 63.9 | 249.7 | 668.2 | 5 639.8 | 353.3 | 992.7 | 338.7 |
| Fuels consumed ⁴ | do... 28 917.0 | 776.8 | 54.4 | 147.3 | 378.0 | 1 942.8 | 177.0 | 283.5 | 145.3 |
| Purchased electric energy | do... 27 417.3 | 798.4 | 13.2 | 169.1 | 278.7 | 2 462.1 | 162.6 | 393.7 | 125.5 |
| Contract work | do... 31 707.9 | 430.7 | 26.8 | 509.4 | 165.0 | 4 554.3 | 198.6 | 866.2 | 29.1 |
| Value added by manufacture ⁵ | do... 824 117.7 | 12 045.7 | 769.2 | 6 162.4 | 7 755.3 | 94 388.4 | 8 056.8 | 16 373.4 | 2 466.7 |
| Value of shipments, including resales ³ | do... 1 960 205.8 | 29 794.3 | 2 579.9 | 12 907.2 | 19 746.5 | 199 695.4 | 17 963.1 | 30 066.5 | 8 382.8 |
| Value of resales | do... 67 229.9 | 596.1 | 69.4 | 301.5 | 732.4 | 8 865.0 | 451.7 | 1 253.6 | 353.8 |

See footnotes at end of table.

Table 2a. Summary Statistics by State: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Item | United States | Alabama | Alaska | Arizona | Arkansas | California | Colorado | Connecticut | Delaware |
|---|----------------------|----------|----------|---------|----------|------------|----------|-------------|----------|
| Manufacturers' inventories⁵: | | | | | | | | | |
| End of 1981, total.....do.. | 319 473.2 | 4 813.4 | 339.1 | 2 487.2 | 2 839.6 | 36 222.0 | 2 469.5 | 7 287.4 | 1 038.1 |
| Detail by method of valuation: | | | | | | | | | |
| Subject to LIFO costing ⁶do.. | 105 770.8 | 1 785.2 | 97.8 | 413.0 | 1 105.2 | 7 015.5 | 637.3 | 1 780.6 | 381.9 |
| LIFO reserve.....do.. | 41 452.7 | 734.6 | 64.3 | 113.1 | 361.4 | 2 753.9 | 210.9 | 573.1 | 132.4 |
| LIFO value.....do.. | 64 318.1 | 1 050.7 | 33.5 | 299.9 | 743.8 | 4 261.6 | 426.4 | 1 207.5 | 249.5 |
| Not subject to LIFO costing.....do.. | 175 524.0 | 2 491.6 | 190.4 | 1 838.8 | 1 449.5 | 23 979.8 | 1 464.7 | 4 854.7 | 557.5 |
| Valuation method not reported ⁷do.. | 36 128.6 | 515.1 | 50.9 | 232.0 | 258.8 | 5 099.9 | 356.7 | 615.3 | 98.5 |
| Amount subject to LIFO reported without associated reserve and value ⁸do.. | 2 049.7 | 21.5 | - | 3.4 | 26.1 | 126.8 | 10.8 | 36.9 | .2 |
| Detail by stage of fabrication: | | | | | | | | | |
| Finished goods.....do.. | 103 146.0 | 1 716.2 | 219.6 | 668.1 | 956.8 | 10 763.5 | 640.5 | 2 319.0 | 376.4 |
| Work-in-process.....do.. | 107 174.3 | 1 350.7 | 25.4 | 1 211.1 | 654.0 | 15 097.4 | 970.8 | 3 121.9 | 262.4 |
| Materials and supplies.....do.. | 109 152.9 | 1 746.4 | 94.2 | 608.0 | 1 228.8 | 10 361.1 | 858.1 | 1 846.5 | 399.3 |
| End of 1982, total.....do.. | 307 213.3 | 4 429.7 | 329.8 | 2 441.5 | 2 758.5 | 35 601.6 | 2 469.7 | 7 298.4 | 998.5 |
| Detail by method of valuation: | | | | | | | | | |
| Subject to LIFO costing ⁶do.. | 100 424.1 | 1 632.7 | 125.2 | 353.2 | 1 029.1 | 6 464.6 | 584.4 | 1 641.0 | 354.8 |
| LIFO reserve.....do.. | 38 632.6 | 635.8 | 65.0 | 111.4 | 368.2 | 2 441.5 | 205.1 | 539.2 | 136.3 |
| LIFO value.....do.. | 61 791.4 | 996.9 | 60.2 | 241.7 | 660.9 | 4 023.2 | 379.3 | 1 101.8 | 218.5 |
| Not subject to LIFO costing.....do.. | 171 763.6 | 2 274.9 | 150.7 | 1 864.2 | 1 436.9 | 24 282.8 | 1 520.1 | 5 050.4 | 552.8 |
| Valuation method not reported ⁷do.. | 33 272.3 | 502.1 | 53.9 | 220.3 | 271.2 | 4 729.9 | 350.3 | 567.5 | 90.7 |
| Amount subject to LIFO reported without associated reserve and value ⁸do.. | 1 753.3 | 20.1 | - | 3.8 | 21.4 | 124.3 | 14.9 | 39.6 | .2 |
| Detail by stage of fabrication: | | | | | | | | | |
| Finished goods.....do.. | 100 740.8 | 1 579.5 | 195.3 | 671.1 | 988.2 | 10 697.9 | 702.1 | 2 535.0 | 339.3 |
| Work-in-process.....do.. | 103 140.2 | 1 266.0 | 20.5 | 1 189.5 | 642.0 | 15 379.8 | 958.4 | 2 915.3 | 269.8 |
| Materials and supplies.....do.. | 103 332.3 | 1 584.3 | 114.1 | 580.9 | 1 128.3 | 9 523.9 | 809.1 | 1 848.1 | 389.3 |
| Capital expenditures for plant and equipment.....mil. dol.. | 81 464.3 | 1 659.5 | 65.8 | 799.2 | 743.9 | 8 937.8 | 1 161.5 | 1 121.0 | 331.8 |
| New capital expenditures.....do.. | 74 561.5 | 1 540.2 | 58.5 | 765.2 | 701.2 | 8 439.4 | 892.2 | 1 054.2 | 322.1 |
| New buildings and other structures.....do.. | 14 960.5 | 199.3 | 18.7 | 222.2 | 86.1 | 2 381.0 | 181.4 | 205.0 | 31.5 |
| New machinery and equipment.....do.. | 59 601.0 | 1 340.9 | 39.7 | 543.0 | 615.0 | 6 058.3 | 710.9 | 849.2 | 290.6 |
| Used capital expenditures.....do.. | 6 902.7 | 119.3 | 7.4 | 34.0 | 42.8 | 498.4 | 269.3 | 66.8 | 9.7 |
| Item | District of Columbia | Florida | Georgia | Hawaii | Idaho | Illinois | Indiana | Iowa | Kansas |
| Companies¹.....number.. | 502 | 13 142 | 7 970 | 944 | 1 328 | 17 735 | 7 518 | 3 340 | 3 092 |
| All establishments ²do.. | 514 | 13 723 | 8 534 | 966 | 1 404 | 18 618 | 7 960 | 3 598 | 3 235 |
| With 1 to 19 employees.....do.. | 387 | 10 124 | 5 386 | 729 | 1 050 | 11 516 | 4 776 | 2 375 | 2 132 |
| With 20 to 99 employees.....do.. | 102 | 2 743 | 1 984 | 193 | 249 | 5 005 | 2 155 | 841 | 794 |
| With 100 employees or more.....do.. | 25 | 856 | 1 164 | 44 | 105 | 2 097 | 1 029 | 382 | 309 |
| All employees: | | | | | | | | | |
| Average for year.....1,000.. | 16.7 | 454.4 | 503.0 | 23.6 | 47.6 | 1 068.7 | 585.1 | 212.8 | 170.6 |
| Annual payroll.....mil. dol.. | 393.7 | 7 773.2 | 7 905.7 | 360.3 | 864.8 | 22 680.9 | 12 559.3 | 4 403.2 | 3 322.8 |
| Production workers: | | | | | | | | | |
| Average for year.....1,000.. | 6.4 | 292.2 | 369.4 | 16.0 | 34.0 | 669.6 | 406.0 | 140.0 | 112.8 |
| March.....do.. | 6.5 | 300.6 | 376.3 | 15.1 | 33.5 | 701.9 | 420.5 | 145.7 | 120.7 |
| May.....do.. | 6.5 | 294.7 | 370.1 | 16.5 | 33.4 | 688.3 | 418.1 | 141.9 | 115.5 |
| August.....do.. | 6.3 | 285.5 | 370.0 | 17.6 | 35.0 | 658.6 | 405.0 | 138.4 | 108.5 |
| November.....do.. | 6.4 | 288.0 | 361.2 | 15.0 | 34.1 | 629.7 | 380.4 | 134.1 | 106.3 |
| Hours.....millions.. | 12.0 | 566.6 | 705.0 | 29.9 | 62.6 | 1 256.4 | 759.1 | 259.2 | 217.9 |
| January to March.....do.. | 2.9 | 143.8 | 175.6 | 6.7 | 14.8 | 329.3 | 193.7 | 66.6 | 58.2 |
| April to June.....do.. | 3.0 | 142.9 | 179.8 | 7.4 | 15.5 | 326.6 | 198.5 | 66.2 | 55.5 |
| July to September.....do.. | 3.0 | 138.1 | 175.2 | 8.2 | 16.3 | 305.4 | 187.4 | 63.2 | 52.6 |
| October to December.....do.. | 3.1 | 141.8 | 174.4 | 7.5 | 15.8 | 295.1 | 179.5 | 63.2 | 51.4 |
| Wages.....mil. dol.. | 125.3 | 3 955.8 | 4 863.9 | 217.5 | 545.2 | 11 931.4 | 7 821.4 | 2 648.8 | 1 957.8 |
| Cost of materials, etc.³.....do.. | 606.4 | 20 610.8 | 29 101.3 | 2 357.5 | 3 222.5 | 64 144.8 | 36 762.3 | 19 369.6 | 18 104.1 |
| Materials, parts, containers, etc., consumed.....do.. | 330.5 | 17 871.7 | 26 286.4 | 2 050.5 | 2 813.9 | 56 824.2 | 32 926.6 | 17 393.9 | 16 016.9 |
| Resales.....do.. | 7.1 | 967.7 | 797.6 | 184.0 | 95.5 | 3 095.8 | 1 182.1 | 1 064.1 | 1 250.7 |
| Fuels consumed ⁴do.. | 3.7 | 512.7 | 687.6 | 57.2 | 121.8 | 1 373.3 | 1 283.4 | 386.1 | 277.5 |
| Purchased electric energy.....do.. | 8.6 | 532.1 | 661.5 | 38.0 | 100.7 | 1 388.1 | 942.1 | 303.5 | 222.4 |
| Contract work.....do.. | 256.4 | 728.6 | 667.7 | 27.7 | 90.9 | 1 499.4 | 428.1 | 222.0 | 336.4 |
| Value added by manufacture⁵.....do.. | 928.6 | 18 111.8 | 19 191.8 | 1 119.6 | 2 076.5 | 47 704.6 | 25 747.0 | 12 077.9 | 8 436.5 |
| Value of shipments, including resales³.....do.. | 1 537.1 | 38 683.3 | 48 056.0 | 3 443.0 | 5 369.6 | 112 928.8 | 63 331.9 | 31 397.0 | 26 753.4 |
| Value of resales.....do.. | 9.5 | 1 227.6 | 999.2 | 326.9 | 121.7 | 3 910.6 | 1 591.7 | 1 241.3 | 1 413.8 |
| Manufacturers' inventories⁵: | | | | | | | | | |
| End of 1981, total.....do.. | 104.3 | 5 777.2 | 6 793.9 | 449.0 | 851.8 | 19 039.7 | 11 694.1 | 4 097.0 | 3 813.7 |
| Detail by method of valuation: | | | | | | | | | |
| Subject to LIFO costing ⁶do.. | 5.6 | 1 141.2 | 2 404.4 | 225.3 | 349.9 | 8 344.4 | 4 625.6 | 1 770.9 | 1 438.1 |
| LIFO reserve.....do.. | .9 | 312.4 | 795.3 | 127.0 | 122.6 | 3 372.3 | 1 996.7 | 796.1 | 411.1 |
| LIFO value.....do.. | 4.7 | 828.8 | 1 609.1 | 98.3 | 227.3 | 4 972.2 | 2 628.8 | 974.7 | 1 027.0 |
| Not subject to LIFO costing.....do.. | 74.1 | 3 396.4 | 3 556.2 | 158.1 | 370.8 | 8 693.0 | 6 309.0 | 2 065.1 | 2 076.8 |
| Valuation method not reported ⁷do.. | 24.7 | 1 202.2 | 782.8 | 59.9 | 95.1 | 1 912.1 | 727.0 | 236.8 | 284.2 |
| Amount subject to LIFO reported without associated reserve and value ⁸do.. | - | 37.5 | 50.6 | 5.7 | 36.0 | 90.1 | 32.5 | 24.3 | 14.6 |
| Detail by stage of fabrication: | | | | | | | | | |
| Finished goods.....do.. | 41.1 | 1 913.9 | 2 217.5 | 196.2 | 318.5 | 7 117.9 | 3 613.1 | 1 387.6 | 1 189.1 |
| Work-in-process.....do.. | 19.2 | 1 834.3 | 1 689.5 | 50.1 | 153.3 | 5 674.4 | 3 875.8 | 1 323.9 | 1 354.2 |
| Materials and supplies.....do.. | 44.1 | 2 028.9 | 2 886.8 | 202.7 | 379.9 | 6 247.4 | 4 205.2 | 1 385.4 | 1 270.4 |
| End of 1982, total.....do.. | 109.5 | 5 682.0 | 7 065.9 | 445.9 | 748.6 | 17 380.2 | 10 314.9 | 4 039.2 | 3 584.2 |
| Detail by method of valuation: | | | | | | | | | |
| Subject to LIFO costing ⁶do.. | 6.4 | 1 124.7 | 2 555.1 | 245.9 | 317.2 | 7 410.2 | 4 136.7 | 1 744.8 | 1 235.1 |
| LIFO reserve.....do.. | 1.1 | 278.3 | 887.5 | 90.7 | 113.0 | 3 017.7 | 1 958.0 | 769.9 | 345.0 |
| LIFO value.....do.. | 5.3 | 846.4 | 1 667.6 | 155.2 | 204.2 | 4 392.5 | 2 178.7 | 974.9 | 890.1 |
| Not subject to LIFO costing.....do.. | 75.3 | 3 414.7 | 3 750.3 | 142.5 | 333.2 | 8 112.5 | 5 509.5 | 2 008.4 | 1 975.3 |
| Valuation method not reported ⁷do.. | 27.8 | 1 107.6 | 719.8 | 57.3 | 92.3 | 1 773.1 | 637.4 | 265.0 | 364.5 |
| Amount subject to LIFO reported without associated reserve and value ⁸do.. | - | 35.1 | 40.7 | .2 | 5.9 | 84.3 | 31.3 | 21.0 | 9.4 |
| Detail by stage of fabrication: | | | | | | | | | |
| Finished goods.....do.. | 39.6 | 1 912.8 | 2 239.0 | 222.3 | 290.2 | 6 730.1 | 3 190.8 | 1 619.3 | 1 052.0 |
| Work-in-process.....do.. | 18.6 | 1 858.9 | 1 695.6 | 46.6 | 118.6 | 4 943.0 | 3 349.8 | 1 141.8 | 1 280.1 |
| Materials and supplies.....do.. | 51.3 | 1 910.3 | 2 931.2 | 176.9 | 339.8 | 5 707.0 | 3 774.2 | 1 278.0 | 1 252.2 |

See footnotes at end of table.

Table 2a. Summary Statistics by State: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Item | District of Columbia | Florida | Georgia | Hawaii | Idaho | Illinois | Indiana | Iowa | Kansas | |
|---|----------------------|-----------|----------|---------------|---------------|------------|-----------|----------------|--------------|----------|
| Capital expenditures for plant and equipment | mil. dol.. | 58.7 | 2 074.9 | 2 064.2 | 94.5 | 162.5 | 3 710.8 | 2 420.2 | 725.3 | 658.8 |
| New capital expenditures | do.. | 55.1 | 1 960.6 | 1 921.7 | 89.4 | 147.3 | 3 372.3 | 2 232.7 | 688.6 | 613.3 |
| New buildings and other structures | do.. | 2.9 | 346.6 | 254.4 | 42.3 | 22.1 | 556.0 | 359.7 | 101.7 | 169.5 |
| New machinery and equipment | do.. | 52.2 | 1 614.0 | 1 667.3 | 47.2 | 125.2 | 2 816.3 | 1 873.0 | 586.9 | 443.7 |
| Used capital expenditures | do.. | 3.6 | 114.3 | 142.5 | 5.1 | 15.3 | 338.6 | 187.5 | 36.7 | 45.6 |
| Item | Kentucky | Louisiana | Maine | Maryland | Massachusetts | Michigan | Minnesota | Mississippi | Missouri | |
| Companies ¹ | number.. | 3 293 | 3 945 | 1 933 | 3 725 | 10 655 | 14 403 | 6 432 | 2 920 | 6 675 |
| All establishments ² | do.. | 3 502 | 4 107 | 2 009 | 3 883 | 11 017 | 15 158 | 6 775 | 3 126 | 7 069 |
| With 1 to 19 employees | do.. | 2 148 | 2 772 | 1 393 | 2 501 | 6 727 | 10 148 | 4 561 | 1 903 | 4 602 |
| With 20 to 99 employees | do.. | 801 | 924 | 384 | 938 | 2 997 | 3 744 | 1 566 | 718 | 1 683 |
| With 100 employees or more | do.. | 553 | 411 | 232 | 444 | 1 293 | 1 266 | 648 | 505 | 784 |
| All employees: | | | | | | | | | | |
| Average for year | 1,000.. | 246.6 | 202.0 | 110.2 | 234.4 | 643.4 | 883.9 | 350.0 | 201.7 | 405.9 |
| Annual payroll | mil. dol.. | 4 638.8 | 4 304.1 | 1 774.9 | 4 859.3 | 12 353.1 | 22 223.0 | 7 422.9 | 2 880.8 | 8 013.2 |
| Production workers: | | | | | | | | | | |
| Average for year | 1,000.. | 173.8 | 142.4 | 86.4 | 145.9 | 397.0 | 563.6 | 200.6 | 158.2 | 256.4 |
| March | do.. | 181.0 | 147.3 | 85.2 | 148.7 | 406.6 | 577.7 | 203.4 | 160.9 | 264.5 |
| May | do.. | 176.7 | 143.9 | 86.0 | 147.5 | 404.2 | 579.8 | 200.2 | 160.9 | 263.0 |
| August | do.. | 172.4 | 140.4 | 88.7 | 145.5 | 390.5 | 564.1 | 205.8 | 157.8 | 250.4 |
| November | do.. | 165.2 | 138.0 | 85.8 | 141.7 | 386.8 | 532.7 | 193.1 | 153.4 | 248.5 |
| Hours | millions.. | 319.7 | 281.0 | 165.8 | 270.6 | 765.2 | 1 090.5 | 376.2 | 299.2 | 477.2 |
| January to March | do.. | 82.9 | 71.7 | 40.1 | 69.2 | 194.4 | 272.2 | 94.4 | 73.7 | 120.1 |
| April to June | do.. | 82.3 | 71.3 | 42.0 | 68.9 | 197.4 | 290.7 | 94.5 | 77.6 | 123.7 |
| July to September | do.. | 77.2 | 69.5 | 41.9 | 66.2 | 185.0 | 272.8 | 95.2 | 74.0 | 116.9 |
| October to December | do.. | 77.3 | 68.5 | 41.8 | 66.3 | 188.4 | 254.8 | 92.1 | 73.9 | 116.5 |
| Wages | mil. dol.. | 2 874.0 | 2 730.6 | 1 236.8 | 2 550.8 | 6 000.6 | 12 504.9 | 3 428.4 | 1 977.6 | 4 198.9 |
| Cost of materials, etc. ³ | do.. | 17 662.0 | 44 843.5 | 4 634.9 | 11 256.1 | 22 145.8 | 59 962.5 | 19 853.5 | 11 576.8 | 24 160.9 |
| Materials, parts, containers, etc., consumed | do.. | 15 400.2 | 40 483.7 | 3 717.7 | 9 630.6 | 19 219.1 | 54 843.7 | 17 636.5 | 10 469.2 | 21 889.7 |
| Resales | do.. | 807.3 | 1 093.7 | 315.8 | 627.4 | 995.0 | 1 566.9 | 1 181.6 | 329.6 | 1 021.0 |
| Fuels consumed ⁴ | do.. | 379.8 | 1 615.2 | 294.0 | 331.2 | 431.9 | 1 156.4 | 318.0 | 286.0 | 394.6 |
| Purchased electric energy | do.. | 867.8 | 1 004.0 | 159.8 | 307.0 | 523.0 | 1 205.3 | 292.9 | 291.3 | 394.5 |
| Contract work | do.. | 206.9 | 646.9 | 147.5 | 359.9 | 976.8 | 1 190.2 | 424.5 | 200.7 | 461.0 |
| Value added by manufacture ⁵ | do.. | 11 819.7 | 11 754.6 | 4 037.8 | 10 133.8 | 25 967.5 | 39 118.1 | 15 366.9 | 7 824.9 | 18 333.8 |
| Value of shipments, including resales ³ | do.. | 29 638.6 | 57 058.1 | 8 649.1 | 21 281.5 | 48 203.9 | 99 715.0 | 35 321.3 | 19 488.0 | 41 459.4 |
| Value of resales | do.. | 993.7 | 1 174.5 | 355.0 | 807.5 | 1 386.8 | 1 844.3 | 1 656.3 | 409.0 | 1 552.3 |
| Manufacturers' inventories ⁵ : | | | | | | | | | | |
| End of 1981, total | do.. | 4 966.9 | 5 878.2 | 1 222.8 | 3 460.0 | 8 760.6 | 11 617.5 | 5 037.9 | 2 434.7 | 6 874.2 |
| Detail by method of valuation: | | | | | | | | | | |
| Subject to LIFO costing ⁶ | do.. | 2 080.1 | 2 490.8 | 366.2 | 847.4 | 2 803.1 | 3 345.0 | 1 476.4 | 849.7 | 1 570.3 |
| LIFO reserve | do.. | 762.1 | 1 470.1 | 148.3 | 250.3 | 981.4 | 1 162.5 | 501.7 | 385.8 | 594.2 |
| LIFO value | do.. | 1 318.1 | 1 020.7 | 217.9 | 597.1 | 1 821.7 | 2 182.5 | 974.7 | 463.9 | 976.1 |
| Not subject to LIFO costing | do.. | 2 424.4 | 2 809.8 | 691.7 | 2 253.7 | 4 615.8 | 6 946.3 | 2 970.5 | 1 261.9 | 4 660.7 |
| Valuation method not reported ⁷ | do.. | 339.0 | 524.9 | 156.7 | 346.4 | 1 301.6 | 1 251.9 | 508.5 | 301.9 | 613.4 |
| Amount subject to LIFO reported without associated reserve and value ⁸ | do.. | 123.4 | 52.8 | 8.2 | 12.5 | 40.1 | 74.4 | 82.5 | 21.2 | 29.8 |
| Detail by stage of fabrication: | | | | | | | | | | |
| Finished goods | do.. | 2 125.4 | 2 344.6 | 399.8 | 1 106.8 | 2 518.6 | 2 911.5 | 1 799.6 | 923.8 | 1 605.2 |
| Work-in-process | do.. | 1 156.3 | 1 661.5 | 327.0 | 1 181.8 | 3 243.1 | 4 225.3 | 1 511.1 | 611.3 | 2 453.8 |
| Materials and supplies | do.. | 1 685.1 | 1 872.1 | 496.0 | 1 171.3 | 2 998.8 | 4 480.7 | 1 727.1 | 899.6 | 2 815.1 |
| End of 1982, total | do.. | 4 463.1 | 5 331.4 | 1 245.7 | 3 395.8 | 8 549.9 | 10 362.8 | 4 821.3 | 2 299.9 | 7 972.8 |
| Detail by method of valuation: | | | | | | | | | | |
| Subject to LIFO costing ⁶ | do.. | 1 726.3 | 2 076.7 | 361.6 | 730.7 | 2 639.8 | 3 102.1 | 1 453.0 | 752.1 | 1 390.9 |
| LIFO reserve | do.. | 672.7 | 1 018.4 | 138.0 | 202.4 | 934.8 | 1 098.6 | 501.7 | 349.7 | 480.5 |
| LIFO value | do.. | 1 053.7 | 1 058.3 | 223.6 | 528.4 | 1 705.0 | 2 003.5 | 942.8 | 402.5 | 910.4 |
| Not subject to LIFO costing | do.. | 2 319.9 | 2 724.0 | 725.6 | 2 308.9 | 4 630.1 | 6 054.3 | 2 805.9 | 1 221.7 | 6 026.9 |
| Valuation method not reported ⁷ | do.. | 303.6 | 480.2 | 145.4 | 336.6 | 1 241.0 | 1 162.1 | 496.4 | 297.9 | 520.1 |
| Amount subject to LIFO reported without associated reserve and value ⁸ | do.. | 113.3 | 50.5 | 13.0 | 19.6 | 39.0 | 44.2 | 66.1 | 28.3 | 35.0 |
| Detail by stage of fabrication: | | | | | | | | | | |
| Finished goods | do.. | 2 015.0 | 2 247.7 | 429.1 | 1 003.2 | 2 539.3 | 2 861.5 | 1 813.3 | 883.0 | 1 505.4 |
| Work-in-process | do.. | 1 040.9 | 1 306.3 | 320.4 | 1 335.2 | 3 135.8 | 3 648.8 | 1 410.8 | 588.9 | 3 579.1 |
| Materials and supplies | do.. | 1 407.3 | 1 777.3 | 496.2 | 1 057.4 | 2 874.7 | 3 852.4 | 1 597.1 | 828.0 | 2 888.2 |
| Capital expenditures for plant and equipment | mil. dol.. | 1 208.5 | 2 668.8 | 543.2 | 823.8 | 1 806.5 | 3 830.1 | 1 258.3 | 1 250.6 | 1 564.4 |
| New capital expenditures | do.. | 996.8 | 2 561.9 | 510.3 | 718.1 | 1 667.3 | 3 503.0 | 1 193.0 | 1 154.3 | 1 339.8 |
| New buildings and other structures | do.. | 131.9 | 481.8 | 75.9 | 81.6 | 326.1 | 519.0 | 314.3 | 647.0 | 253.2 |
| New machinery and equipment | do.. | 864.9 | 2 080.1 | 434.4 | 636.5 | 1 341.2 | 2 984.0 | 878.7 | 507.3 | 1 086.7 |
| Used capital expenditures | do.. | 211.7 | 106.9 | 32.9 | 105.7 | 139.2 | 327.0 | 65.4 | 96.3 | 224.6 |
| Item | Montana | Nebraska | Nevada | New Hampshire | New Jersey | New Mexico | New York | North Carolina | North Dakota | |
| Companies ¹ | number.. | 1 051 | 1 797 | 834 | 1 937 | 14 611 | 1 201 | 31 720 | 9 287 | 558 |
| All establishments ² | do.. | 1 090 | 1 928 | 851 | 1 981 | 15 126 | 1 223 | 32 651 | 10 133 | 587 |
| With 1 to 19 employees | do.. | 914 | 1 295 | 674 | 1 260 | 9 370 | 924 | 21 981 | 5 755 | 445 |
| With 20 to 99 employees | do.. | 139 | 451 | 139 | 476 | 4 197 | 245 | 8 294 | 2 556 | 111 |
| With 100 employees or more | do.. | 37 | 182 | 38 | 245 | 1 559 | 54 | 2 376 | 1 822 | 31 |
| All employees: | | | | | | | | | | |
| Average for year | 1,000.. | 20.2 | 91.1 | 20.4 | 107.4 | 754.0 | 33.0 | 1 418.8 | 798.6 | 14.8 |
| Annual payroll | mil. dol.. | 379.1 | 1 624.4 | 356.2 | 1 792.0 | 15 845.0 | 521.2 | 29 156.0 | 11 717.1 | 245.6 |

See footnotes at end of table.

Table 2a. Summary Statistics by State: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Item | Montana | Nebraska | Nevada | New Hampshire | New Jersey | New Mexico | New York | North Carolina | North Dakota |
|---|-----------|----------|----------|---------------|--------------|----------------|--------------|----------------|--------------|
| Production workers: | | | | | | | | | |
| Average for year 1,000 .. | 14.6 | 64.4 | 13.1 | 75.3 | 440.4 | 22.2 | 836.3 | 604.9 | 9.7 |
| March do .. | 13.5 | 68.5 | 13.8 | 76.6 | 446.0 | 21.9 | 850.0 | 610.2 | 9.9 |
| May do .. | 14.5 | 64.0 | 13.3 | 75.6 | 444.0 | 22.0 | 843.6 | 608.9 | 9.5 |
| August do .. | 15.1 | 62.7 | 12.8 | 75.7 | 438.4 | 22.7 | 836.5 | 604.4 | 9.6 |
| November do .. | 14.9 | 62.7 | 12.4 | 73.5 | 433.1 | 22.2 | 815.5 | 596.0 | 9.7 |
| Hours millions .. | 27.0 | 124.3 | 24.8 | 144.9 | 842.7 | 41.8 | 1 613.0 | 1 116.0 | 18.0 |
| January to March do .. | 6.1 | 31.8 | 6.5 | 36.7 | 212.4 | 10.0 | 404.3 | 274.7 | 4.5 |
| April to June do .. | 6.7 | 30.9 | 6.4 | 37.3 | 215.9 | 10.5 | 411.2 | 285.0 | 4.4 |
| July to September do .. | 7.0 | 30.3 | 6.0 | 35.2 | 205.7 | 10.5 | 398.6 | 276.1 | 4.4 |
| October to December do .. | 7.0 | 31.3 | 5.9 | 35.7 | 208.7 | 10.7 | 398.9 | 280.2 | 4.6 |
| Wages mil. dol. .. | 265.0 | 1 014.8 | 209.7 | 1 054.9 | 7 206.7 | 296.6 | 13 269.9 | 7 297.3 | 141.2 |
| Cost of materials, etc.³ do .. | 2 954.5 | 10 628.0 | 895.6 | 3 609.3 | 38 430.8 | 2 431.8 | 58 009.8 | 35 634.0 | 1 820.5 |
| Materials, parts, containers, etc., consumed do .. | 2 536.8 | 9 188.7 | 779.0 | 3 134.6 | 32 798.3 | 2 219.8 | 46 732.6 | 32 002.6 | 1 707.2 |
| Resales do .. | 192.9 | 1 174.8 | 28.4 | 160.9 | 2 544.6 | 76.9 | 2 964.6 | 1 327.9 | 54.9 |
| Fuels consumed ⁴ do .. | 95.9 | 126.2 | 38.0 | 89.3 | 924.5 | 61.1 | 1 097.7 | 734.0 | 31.6 |
| Purchased electric energy do .. | 66.7 | 106.3 | 32.3 | 103.2 | 913.5 | 47.5 | 1 340.9 | 892.7 | 20.9 |
| Contract work do .. | 62.1 | 31.8 | 17.8 | 121.2 | 1 249.9 | 26.4 | 5 874.0 | 676.8 | 5.8 |
| Value added by manufacture⁵ do .. | 713.5 | 4 444.5 | 862.6 | 4 004.0 | 31 656.0 | 1 397.7 | 62 906.6 | 28 492.2 | 652.1 |
| Value of shipments, including resales³ do .. | 3 668.2 | 15 143.2 | 1 755.6 | 7 635.6 | 70 419.9 | 3 815.4 | 121 468.6 | 64 176.2 | 2 465.0 |
| Value of resales do .. | 207.7 | 1 384.3 | 52.7 | 206.1 | 3 136.7 | 97.2 | 4 123.1 | 1 599.2 | 67.4 |
| Manufacturers' inventories⁶: | | | | | | | | | |
| End of 1981, total do .. | 580.6 | 1 291.2 | 331.0 | 1 422.2 | 10 703.2 | 467.2 | 21 281.3 | 10 455.9 | 368.6 |
| Detail by method of valuation: | | | | | | | | | |
| Subject to LIFO costing ⁶ do .. | 173.4 | 442.4 | 95.5 | 358.3 | 2 791.4 | 142.2 | 5 863.0 | 4 602.7 | 138.2 |
| LIFO reserve do .. | 57.2 | 128.6 | 22.1 | 111.9 | 1 047.7 | 40.0 | 2 392.0 | 2 071.0 | 75.9 |
| LIFO value do .. | 116.1 | 313.8 | 73.4 | 246.5 | 1 743.7 | 102.3 | 3 471.0 | 2 531.8 | 62.3 |
| Not subject to LIFO costing do .. | 342.7 | 667.3 | 121.7 | 877.2 | 6 101.1 | 244.4 | 11 512.7 | 4 498.4 | 185.3 |
| Valuation method not reported ⁷ do .. | 64.3 | 179.6 | 111.2 | 182.2 | 1 748.4 | 78.8 | 3 766.6 | 1 229.1 | 44.8 |
| Amount subject to LIFO reported without associated reserve and value ⁸ do .. | .3 | 1.9 | 2.6 | 4.5 | 62.2 | 1.8 | 139.0 | 125.7 | .4 |
| Detail by stage of fabrication: | | | | | | | | | |
| Finished goods do .. | 204.7 | 523.1 | 82.7 | 406.5 | 3 898.1 | 134.0 | 6 129.0 | 3 153.7 | 151.4 |
| Work-in-process do .. | 88.1 | 268.5 | 95.1 | 555.9 | 3 159.4 | 133.8 | 8 761.2 | 2 755.1 | 45.4 |
| Materials and supplies do .. | 287.9 | 499.6 | 153.3 | 459.8 | 3 645.7 | 199.5 | 6 391.1 | 4 547.1 | 171.9 |
| End of 1982, total do .. | 512.1 | 1 169.7 | 310.6 | 1 379.9 | 10 255.4 | 481.2 | 20 154.4 | 11 509.7 | 366.2 |
| Detail by method of valuation: | | | | | | | | | |
| Subject to LIFO costing ⁶ do .. | 170.5 | 417.4 | 82.4 | 348.8 | 2 715.4 | 173.5 | 5 315.5 | 6 028.4 | 130.6 |
| LIFO reserve do .. | 47.2 | 123.9 | 20.5 | 111.5 | 1 014.5 | 43.5 | 2 146.5 | 2 348.6 | 73.7 |
| LIFO value do .. | 123.2 | 293.5 | 61.9 | 237.2 | 1 700.8 | 130.0 | 3 169.0 | 3 679.8 | 56.9 |
| Not subject to LIFO costing do .. | 274.8 | 571.6 | 123.7 | 860.0 | 5 870.1 | 230.5 | 11 318.9 | 4 464.4 | 190.1 |
| Valuation method not reported ⁷ do .. | 58.3 | 178.5 | 102.2 | 167.0 | 1 629.1 | 75.9 | 3 427.1 | 888.0 | 44.8 |
| Amount subject to LIFO reported without associated reserve and value ⁸ do .. | 8.6 | 2.1 | 2.2 | 4.2 | 40.8 | 1.3 | 92.8 | 128.9 | .8 |
| Detail by stage of fabrication: | | | | | | | | | |
| Finished goods do .. | 216.5 | 480.2 | 84.1 | 453.5 | 3 854.9 | 134.5 | 5 889.7 | 3 101.2 | 155.1 |
| Work-in-process do .. | 76.1 | 241.9 | 96.3 | 484.7 | 2 890.1 | 146.5 | 8 435.1 | 2 812.3 | 46.2 |
| Materials and supplies do .. | 219.5 | 447.6 | 130.2 | 441.8 | 3 510.3 | 200.2 | 5 829.5 | 5 596.2 | 164.9 |
| Capital expenditures for plant and equipment mil. dol. .. | 84.1 | 265.3 | 89.4 | 267.7 | 2 177.6 | 185.2 | 5 071.1 | 3 566.4 | 105.8 |
| New capital expenditures do .. | 74.6 | 245.3 | 80.3 | 246.2 | 2 061.3 | 120.8 | 4 267.1 | 2 583.8 | 101.1 |
| New buildings and other structures do .. | 23.0 | 38.4 | 19.6 | 45.3 | 530.5 | 21.5 | 879.7 | 523.9 | 15.0 |
| New machinery and equipment do .. | 51.5 | 206.9 | 60.7 | 200.9 | 1 530.8 | 99.3 | 3 387.4 | 2 059.8 | 86.1 |
| Used capital expenditures do .. | 9.5 | 20.0 | 9.0 | 21.5 | 116.3 | 64.4 | 804.0 | 982.6 | 4.7 |
| Item | Ohio | Oklahoma | Oregon | Pennsylvania | Rhode Island | South Carolina | South Dakota | Tennessee | Texas |
| Companies¹ number .. | 15 918 | 4 007 | 5 378 | 16 730 | 2 813 | 3 874 | 710 | 6 042 | 18 920 |
| All establishments² do .. | 16 960 | 4 168 | 5 659 | 17 666 | 2 855 | 4 206 | 748 | 6 417 | 20 288 |
| With 1 to 19 employees do .. | 10 445 | 2 920 | 4 216 | 10 169 | 1 915 | 2 483 | 543 | 3 800 | 13 282 |
| With 20 to 99 employees do .. | 4 504 | 863 | 1 073 | 5 056 | 706 | 911 | 156 | 1 588 | 5 021 |
| With 100 employees or more do .. | 2 011 | 385 | 370 | 2 441 | 234 | 812 | 49 | 1 029 | 1 985 |
| All employees: | | | | | | | | | |
| Average for year 1,000 .. | 1 102.0 | 196.9 | 185.1 | 1 180.0 | 113.8 | 367.5 | 24.5 | 461.6 | 1 058.5 |
| Annual payroll mil. dol. .. | 24 740.1 | 4 009.9 | 3 783.2 | 23 314.5 | 1 759.5 | 5 539.5 | 397.9 | 7 377.7 | 21 434.9 |
| Production workers: | | | | | | | | | |
| Average for year 1,000 .. | 694.9 | 121.1 | 129.6 | 772.2 | 82.6 | 279.4 | 17.5 | 337.5 | 669.5 |
| March do .. | 724.0 | 128.6 | 125.6 | 805.9 | 83.1 | 285.5 | 17.7 | 343.0 | 709.4 |
| May do .. | 707.9 | 125.6 | 126.9 | 789.4 | 82.3 | 280.8 | 18.4 | 340.5 | 689.2 |
| August do .. | 694.6 | 118.3 | 136.5 | 763.4 | 82.7 | 279.0 | 17.2 | 338.4 | 654.2 |
| November do .. | 653.4 | 111.8 | 129.4 | 730.0 | 82.0 | 272.4 | 16.7 | 328.0 | 625.5 |
| Hours millions .. | 1 326.3 | 233.6 | 237.9 | 1 435.9 | 157.4 | 522.2 | 32.6 | 629.8 | 1 306.0 |
| January to March do .. | 342.1 | 61.1 | 56.9 | 378.8 | 39.5 | 133.0 | 8.4 | 158.2 | 342.3 |
| April to June do .. | 345.6 | 60.8 | 59.2 | 370.7 | 40.3 | 133.1 | 8.2 | 159.7 | 337.0 |
| July to September do .. | 324.3 | 57.1 | 62.6 | 344.6 | 37.9 | 127.2 | 7.9 | 155.4 | 319.0 |
| October to December do .. | 314.3 | 54.6 | 59.2 | 341.8 | 39.7 | 128.9 | 8.0 | 156.5 | 307.7 |
| Wages mil. dol. .. | 13 816.3 | 2 065.1 | 2 333.7 | 12 855.6 | 1 051.9 | 3 576.4 | 261.9 | 4 602.9 | 11 232.8 |
| Cost of materials, etc.³ do .. | 61 943.9 | 14 999.7 | 9 883.4 | 56 542.0 | 3 833.2 | 15 500.1 | 1 905.1 | 22 634.9 | 117 599.8 |
| Materials, parts, containers, etc., consumed do .. | 54 239.2 | 13 628.6 | 8 308.1 | 48 202.9 | 3 273.9 | 13 406.4 | 1 745.1 | 19 395.0 | 104 712.6 |
| Resales do .. | 3 092.7 | 482.0 | 536.3 | 2 847.7 | 285.4 | 406.2 | 106.6 | 1 306.1 | 4 438.8 |
| Fuels consumed ⁴ do .. | 1 686.6 | 433.9 | 284.4 | 1 999.6 | 72.9 | 490.4 | 22.8 | 574.2 | 4 155.9 |
| Purchased electric energy do .. | 1 765.5 | 240.9 | 330.2 | 1 580.4 | 90.6 | 686.6 | 18.6 | 1 076.1 | 2 467.6 |
| Contract work do .. | 1 159.9 | 214.3 | 424.4 | 1 911.4 | 110.4 | 456.5 | 11.9 | 283.5 | 1 824.9 |
| Value added by manufacture⁵ do .. | 49 640.9 | 8 143.0 | 7 973.0 | 44 824.1 | 3 792.7 | 12 218.7 | 1 100.2 | 17 822.9 | 53 357.8 |
| Value of shipments, including resales³ do .. | 112 277.6 | 23 116.1 | 17 897.3 | 102 939.9 | 7 651.7 | 27 835.8 | 3 005.2 | 40 776.5 | 171 674.3 |
| Value of resales do .. | 4 061.2 | 624.7 | 936.2 | 3 715.7 | 420.8 | 562.6 | 125.5 | 1 684.9 | 5 195.2 |

See footnotes at end of table.

Table 2a. Summary Statistics by State: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Item | Ohio | Oklahoma | Oregon | Pennsylvania | Rhode Island | South Carolina | South Dakota | Tennessee | Texas |
|---|------------------|--------------|--------------|----------------|--------------|----------------|--------------|----------------|----------------|
| Manufacturers' inventories⁵: | | | | | | | | | |
| End of 1981, total | 18 516.2 | 3 644.0 | 2 961.1 | 19 972.2 | 1 391.3 | 4 586.5 | 293.2 | 6 731.4 | 24 506.5 |
| Detail by method of valuation: | | | | | | | | | |
| Subject to LIFO costing ⁶ | 7 569.1 | 1 007.7 | 1 074.4 | 7 876.9 | 444.2 | 1 710.6 | 56.5 | 2 456.3 | 8 955.4 |
| LIFO reserve | 2 845.7 | 330.5 | 355.2 | 3 584.9 | 147.5 | 540.3 | 18.7 | 840.8 | 3 911.8 |
| LIFO value | 4 723.4 | 677.2 | 719.2 | 4 291.9 | 296.8 | 1 170.3 | 37.8 | 1 615.5 | 5 043.6 |
| Not subject to LIFO costing | 9 273.0 | 2 213.1 | 1 355.4 | 9 896.0 | 639.1 | 2 280.1 | 182.4 | 3 580.5 | 12 824.7 |
| Valuation method not reported ⁷ | 1 565.5 | 400.5 | 459.4 | 2 130.9 | 295.4 | 514.5 | 53.4 | 651.1 | 2 580.9 |
| Amount subject to LIFO reported without associated reserve and value ⁸ | 108.6 | 22.7 | 71.8 | 68.5 | 12.6 | 81.3 | .8 | 43.5 | 145.4 |
| Detail by stage of fabrication: | | | | | | | | | |
| Finished goods | 5 868.2 | 1 310.9 | 1 157.8 | 6 283.5 | 512.9 | 1 679.6 | 98.7 | 2 710.1 | 9 291.4 |
| Work-in-process | 6 226.4 | 1 006.8 | 700.8 | 6 945.9 | 390.0 | 1 333.5 | 69.6 | 1 897.8 | 6 877.5 |
| Materials and supplies | 6 421.5 | 1 326.2 | 1 102.4 | 6 762.8 | 488.4 | 1 573.3 | 124.8 | 2 123.4 | 8 337.6 |
| End of 1982, total | 17 058.6 | 3 720.2 | 2 827.0 | 17 530.7 | 1 341.6 | 4 351.1 | 281.7 | 6 299.0 | 24 149.6 |
| Detail by method of valuation: | | | | | | | | | |
| Subject to LIFO costing ⁶ | 6 912.3 | 1 118.1 | 1 034.3 | 6 400.6 | 464.0 | 1 772.8 | 55.5 | 2 314.1 | 9 706.0 |
| LIFO reserve | 2 634.6 | 369.5 | 336.9 | 2 845.2 | 149.2 | 587.3 | 16.5 | 772.0 | 3 872.4 |
| LIFO value | 4 277.8 | 748.6 | 697.4 | 3 555.4 | 314.7 | 1 185.5 | 39.0 | 1 542.1 | 5 833.6 |
| Not subject to LIFO costing | 8 508.0 | 2 217.8 | 1 368.3 | 9 178.7 | 593.5 | 2 158.8 | 174.5 | 3 177.1 | 12 064.6 |
| Valuation method not reported ⁷ | 1 520.5 | 369.7 | 403.0 | 1 894.3 | 271.6 | 354.2 | 50.3 | 778.6 | 2 261.3 |
| Amount subject to LIFO reported without associated reserve and value ⁸ | 117.7 | 14.6 | 21.4 | 57.1 | 12.6 | 65.3 | 1.4 | 29.2 | 117.7 |
| Detail by stage of fabrication: | | | | | | | | | |
| Finished goods | 5 634.4 | 1 436.6 | 1 134.3 | 5 757.4 | 510.8 | 1 697.3 | 95.9 | 2 657.4 | 9 309.7 |
| Work-in-process | 5 783.1 | 910.0 | 693.3 | 5 849.2 | 366.2 | 1 195.4 | 72.4 | 1 653.2 | 6 129.3 |
| Materials and supplies | 5 641.0 | 1 373.7 | 999.4 | 5 924.0 | 464.7 | 1 458.4 | 113.4 | 1 988.4 | 8 710.5 |
| Capital expenditures for plant and equipment | mil. dol. | 879.8 | 697.7 | 3 630.1 | 201.7 | 1 630.2 | 86.0 | 2 177.8 | 8 571.4 |
| New capital expenditures | 4 216.3 | 841.3 | 644.0 | 3 390.9 | 183.8 | 1 503.0 | 62.3 | 2 061.5 | 8 193.2 |
| New buildings and other structures | 582.0 | 141.1 | 102.4 | 631.2 | 36.6 | 249.5 | 17.5 | 406.4 | 1 684.4 |
| New machinery and equipment | 3 634.3 | 700.1 | 541.6 | 2 759.7 | 147.2 | 1 253.5 | 44.8 | 1 655.1 | 6 508.9 |
| Used capital expenditures | 307.4 | 38.5 | 53.7 | 239.2 | 17.9 | 127.2 | 23.7 | 116.3 | 378.1 |

| Item | Utah | Vermont | Virginia | Washington | West Virginia | Wisconsin | Wyoming |
|---|------------------|----------------|-----------------|-----------------|----------------|-----------------|----------------|
| Companies¹ | 1 925 | 1 080 | 5 226 | 6 545 | 1 579 | 8 205 | 506 |
| All establishments ² | 1 962 | 1 104 | 5 568 | 6 788 | 1 662 | 8 682 | 511 |
| With 1 to 19 employees | 1 383 | 794 | 3 532 | 5 081 | 1 103 | 5 485 | 396 |
| With 20 to 99 employees | 421 | 222 | 1 292 | 1 283 | 368 | 2 179 | 94 |
| With 100 employees or more | 158 | 88 | 744 | 424 | 191 | 1 018 | 21 |
| All employees: | | | | | | | |
| Average for year | 83.2 | 46.8 | 391.1 | 291.4 | 95.8 | 496.7 | 9.9 |
| Annual payroll | 1 538.8 | 862.7 | 6 649.0 | 6 680.6 | 2 007.0 | 10 197.1 | 183.3 |
| Production workers: | | | | | | | |
| Average for year | 54.2 | 30.0 | 287.4 | 177.6 | 65.2 | 328.7 | 6.6 |
| March | 55.2 | 30.4 | 290.1 | 178.7 | 68.4 | 335.2 | 6.7 |
| May | 54.8 | 30.5 | 287.0 | 179.2 | 66.6 | 328.8 | 6.8 |
| August | 55.1 | 29.9 | 285.2 | 179.6 | 63.3 | 335.3 | 6.5 |
| November | 51.7 | 29.1 | 287.3 | 173.0 | 62.5 | 315.4 | 6.6 |
| Hours | millions | 56.2 | 541.1 | 327.0 | 121.5 | 621.0 | 13.2 |
| January to March | 26.3 | 14.5 | 134.4 | 80.4 | 32.0 | 160.5 | 3.2 |
| April to June | 25.8 | 14.5 | 137.5 | 83.3 | 31.1 | 159.9 | 3.4 |
| July to September | 25.8 | 13.5 | 135.8 | 83.3 | 29.6 | 153.1 | 3.2 |
| October to December | 25.1 | 13.7 | 133.4 | 80.0 | 28.6 | 147.5 | 3.3 |
| Wages | mil. dol. | 433.8 | 4 191.7 | 3 624.3 | 1 233.0 | 5 990.3 | 115.3 |
| Cost of materials, etc.³ | 5 423.4 | 1 682.6 | 19 662.3 | 23 225.6 | 5 761.0 | 29 487.4 | 2 082.5 |
| Materials, parts, containers, etc., consumed | 4 831.1 | 1 502.4 | 17 236.4 | 20 250.2 | 4 982.8 | 26 215.8 | 1 947.1 |
| Resales | 285.7 | 60.4 | 1 035.7 | 1 326.8 | 147.5 | 1 651.6 | 48.7 |
| Fuels consumed ⁴ | 95.7 | 34.8 | 520.3 | 524.1 | 341.4 | 644.2 | 58.0 |
| Purchased electric energy | 110.8 | 48.5 | 466.1 | 583.1 | 211.2 | 558.3 | 12.9 |
| Contract work | 99.9 | 36.4 | 403.8 | 541.4 | 78.2 | 417.5 | 15.8 |
| Value added by manufacture⁵ | 3 455.1 | 2 036.8 | 17 255.6 | 12 595.5 | 4 049.2 | 22 545.6 | 407.7 |
| Value of shipments, including resales³ | 8 960.0 | 3 730.4 | 36 802.7 | 34 665.1 | 9 868.8 | 52 447.8 | 2 558.4 |
| Value of resales | 284.2 | 71.8 | 1 231.2 | 1 450.1 | 180.7 | 2 139.9 | 25.6 |
| Manufacturers' inventories⁵: | | | | | | | |
| End of 1981, total | 1 383.1 | 698.2 | 7 491.1 | 9 662.9 | 2 019.9 | 7 992.0 | 352.4 |
| Detail by method of valuation: | | | | | | | |
| Subject to LIFO costing ⁶ | 266.1 | 198.0 | 4 805.1 | 858.4 | 910.7 | 3 426.8 | 196.4 |
| LIFO reserve | 125.3 | 84.4 | 1 343.6 | 347.3 | 525.8 | 1 241.5 | 128.4 |
| LIFO value | 140.9 | 113.6 | 3 461.5 | 511.1 | 384.8 | 2 185.4 | 68.0 |
| Not subject to LIFO costing | 893.5 | 422.1 | 2 118.9 | 8 181.7 | 945.2 | 3 887.4 | 119.0 |
| Valuation method not reported ⁷ | 169.8 | 73.0 | 517.8 | 602.0 | 152.7 | 624.3 | 36.1 |
| Amount subject to LIFO reported without associated reserve and value ⁸ | 53.7 | 5.1 | 49.4 | 20.7 | 11.2 | 53.4 | .9 |
| Detail by stage of fabrication: | | | | | | | |
| Finished goods | 502.7 | 122.7 | 1 829.0 | 1 988.0 | 777.5 | 2 775.4 | 183.7 |
| Work-in-process | 453.5 | 378.4 | 1 073.3 | 5 933.0 | 580.1 | 2 342.0 | 62.9 |
| Materials and supplies | 426.8 | 197.0 | 4 588.7 | 1 741.9 | 662.3 | 2 874.6 | 105.7 |
| End of 1982, total | 1 244.6 | 675.5 | 7 308.5 | 10 546.1 | 1 915.8 | 7 417.0 | 266.3 |
| Detail by method of valuation: | | | | | | | |
| Subject to LIFO costing ⁶ | 294.8 | 176.3 | 4 659.2 | 866.3 | 819.1 | 3 084.8 | 169.2 |
| LIFO reserve | 121.9 | 80.2 | 1 490.8 | 332.5 | 498.0 | 1 111.8 | 115.2 |
| LIFO value | 172.8 | 96.1 | 3 168.4 | 533.8 | 321.1 | 1 973.1 | 54.0 |
| Not subject to LIFO costing | 749.3 | 423.3 | 2 184.7 | 9 100.1 | 958.3 | 3 674.3 | 56.5 |
| Valuation method not reported ⁷ | 157.3 | 72.2 | 419.7 | 563.5 | 128.2 | 604.6 | 38.6 |
| Amount subject to LIFO reported without associated reserve and value ⁸ | 43.2 | 3.7 | 45.0 | 16.2 | 10.2 | 53.2 | 2.0 |
| Detail by stage of fabrication: | | | | | | | |
| Finished goods | 442.9 | 132.7 | 1 772.3 | 1 859.1 | 770.9 | 2 720.4 | 136.7 |
| Work-in-process | 432.0 | 357.5 | 1 162.4 | 7 096.1 | 531.9 | 1 976.3 | 41.7 |
| Materials and supplies | 369.6 | 185.3 | 4 373.8 | 1 590.9 | 613.0 | 2 720.1 | 87.9 |
| Capital expenditures for plant and equipment | mil. dol. | 283.7 | 1 608.3 | 1 138.3 | 420.2 | 1 656.8 | 55.5 |
| New capital expenditures | 327.6 | 270.9 | 1 522.9 | 1 074.3 | 393.7 | 1 547.2 | 49.8 |
| New buildings and other structures | 70.4 | 49.3 | 375.3 | 211.8 | 47.4 | 244.0 | 2.9 |
| New machinery and equipment | 257.3 | 221.5 | 1 147.6 | 862.5 | 346.3 | 1 303.2 | 46.9 |
| Used capital expenditures | 18.4 | 12.9 | 85.4 | 63.9 | 26.4 | 109.6 | 5.7 |

See footnotes at end of table.

Table 2a. **Summary Statistics by State: 1982—Con.**¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.²Includes establishments with payroll at any time during year.³Aggregate of cost of materials and value of shipments includes extensive duplication, since products of some industries are used as materials by others (see appendixes).⁴Data on purchased fuels by type were not collected for 1982. See MC82-S-4, Fuels and Electric Energy Consumed, for 1981 data on purchased fuels by type.⁵Beginning in the 1982 Economic Censuses, all respondents were requested to report their inventories at cost or market prior to adjustment to LIFO cost. This is a change from prior censuses and annual surveys of manufactures in which respondents were permitted to value their inventories using any generally accepted accounting method. Consequently, 1982 data for inventories and value added by manufacture, which is computed using the inventory data, are not comparable to prior year data. For further explanation, see inventories in appendixes.⁶Includes only data reported by respondents who: (a) indicate amount of inventories subject to LIFO cost, and (b) provided sufficient information to determine associated LIFO reserve and value figures.⁷Includes data estimated for nonresponse and nonmail administrative records and data reported by respondents who provided total inventory figures without other information.⁸Includes data reported by respondents who indicated their inventories subject to LIFO cost but did not provide associated LIFO reserve and value figures.Table 2b. **Supplemental State Statistics Based on Sample Estimates: 1982**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

| Item | United States | | Alabama | | Alaska | | Arizona | |
|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | | | |
| Total | 80 993.4 | 1 | 1 204.6 | 1 | 52.6 | 5 | 607.7 | 1 |
| Legal costs | 30 377.4 | 1 | 445.7 | 1 | 26.0 | 3 | 227.5 | 1 |
| Voluntary costs | 50 616.0 | 1 | 758.9 | 1 | 26.5 | 7 | 380.2 | 2 |
| Purchased services: | | | | | | | | |
| Cost of purchased services for the repair of— | | | | | | | | |
| Buildings and other structures | 3 485.0 | 1 | 31.9 | 4 | .9 | 6 | 16.0 | 6 |
| Response coverage ratio (percent) ² | 71 | (X) | 70 | (X) | 39 | (X) | 76 | (X) |
| Machinery | 13 617.0 | 2 | 207.7 | 4 | 5.3 | 9 | 69.1 | 7 |
| Response coverage ratio (percent) ² | 75 | (X) | 75 | (X) | 45 | (X) | 83 | (X) |
| Cost of purchased communication services | 6 227.5 | 4 | 50.8 | 9 | .8 | 13 | 47.4 | 3 |
| Response coverage ratio (percent) ² | 75 | (X) | 72 | (X) | 46 | (X) | 81 | (X) |
| Electric energy used for heat and power: | | | | | | | | |
| Purchased: | | | | | | | | |
| Quantity (million kWh) | 621 491.3 | 1 | 17 699.3 | 1 | 162.7 | 3 | 3 524.9 | 4 |
| Cost | 27 417.3 | (X) | 798.4 | (X) | 13.2 | (X) | 169.1 | (X) |
| Generated less sold (million kWh) | 54 381.4 | 1 | 2 671.0 | (X) | 148.0 | (X) | 344.7 | (X) |
| Gross book value of depreciable assets³: | | | | | | | | |
| Total: | | | | | | | | |
| Beginning of year | 644 535.0 | 1 | 15 107.1 | 1 | 1 111.0 | 2 | 4 561.2 | 2 |
| New capital expenditures | 70 779.8 | 1 | 1 326.0 | 1 | 39.9 | 15 | 645.0 | 2 |
| Used capital expenditures | 6 265.9 | 2 | 112.4 | 5 | 6.8 | 55 | 38.5 | 42 |
| Retirements | 29 272.8 | 1 | 750.1 | 4 | 26.2 | 21 | 239.8 | 5 |
| End of year | 692 307.9 | 1 | 15 795.4 | 1 | 1 131.5 | 2 | 5 004.9 | 2 |
| Buildings and other structures: | | | | | | | | |
| Beginning of year | 155 237.2 | 1 | 2 565.9 | 1 | 250.4 | 3 | 1 129.2 | 2 |
| New capital expenditures | 14 033.6 | 1 | 151.6 | 4 | 7.3 | 13 | 194.8 | 2 |
| Used capital expenditures | 1 346.6 | 5 | 14.3 | 14 | 1.0 | 26 | 12.1 | 81 |
| Retirements | 5 052.9 | 2 | 131.2 | 6 | 9.1 | 42 | 41.3 | 6 |
| End of year | 165 564.5 | 1 | 2 600.6 | 1 | 249.6 | 2 | 1 294.8 | 2 |
| Machinery and equipment: | | | | | | | | |
| Beginning of year | 489 297.8 | 1 | 12 541.1 | 1 | 860.6 | 2 | 3 431.9 | 2 |
| New capital expenditures | 56 746.2 | 1 | 1 174.5 | 1 | 32.7 | 15 | 450.2 | 2 |
| Automobiles, trucks, etc., for highway use | 1 394.4 | 3 | 25.2 | 15 | .7 | 40 | 5.6 | 18 |
| Computers and peripheral data processing equipment | 2 390.5 | 1 | 31.4 | 19 | .2 | 20 | 64.7 | 6 |
| All other | 43 703.4 | 1 | 952.8 | 1 | 9.7 | 10 | 326.3 | 2 |
| New machinery and equipment, n.s.k. ⁴ | 9 257.9 | 2 | 152.0 | 8 | 22.1 | 24 | 53.5 | 13 |
| Used capital expenditures | 4 919.4 | 2 | 98.1 | 5 | 5.8 | 63 | 26.4 | 25 |
| Retirements | 24 220.0 | 1 | 619.0 | 4 | 17.1 | 17 | 198.5 | 5 |
| End of year | 526 743.4 | 1 | 13 194.7 | 1 | 882.0 | 2 | 3 710.0 | 2 |
| Rental payments: | | | | | | | | |
| Total | 9 835.3 | 1 | 110.1 | 3 | 9.5 | 26 | 80.6 | 5 |
| Buildings and other structures | 4 342.6 | 1 | 29.8 | 6 | 1.6 | 20 | 42.6 | 6 |
| Machinery and equipment | 5 492.7 | 1 | 80.3 | 3 | 7.9 | 30 | 37.9 | 5 |
| Depreciation charges during 1982: | | | | | | | | |
| Total | 45 681.5 | 1 | 986.0 | 1 | 64.8 | 4 | 366.8 | 2 |
| Buildings and other structures | 7 008.2 | 2 | 114.9 | 3 | 11.8 | 3 | 49.1 | 2 |
| Machinery and equipment | 38 673.3 | 1 | 871.1 | 1 | 53.0 | 4 | 317.8 | 2 |

| Item | Arkansas | | California | | Colorado | | Connecticut | |
|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | | | |
| Total | 594.0 | 1 | 9 005.1 | 1 | 766.2 | 1 | 1 817.0 | 1 |
| Legal costs | 258.6 | 1 | 3 504.3 | 1 | 291.6 | 1 | 684.6 | 1 |
| Voluntary costs | 335.4 | 2 | 5 500.8 | 1 | 474.6 | 1 | 1 132.4 | 1 |
| Purchased services: | | | | | | | | |
| Cost of purchased services for the repair of— | | | | | | | | |
| Buildings and other structures | 18.5 | 2 | 331.8 | 1 | 24.8 | 5 | 70.6 | 16 |
| Response coverage ratio (percent) ² | 73 | (X) | 67 | (X) | 72 | (X) | 75 | (X) |
| Machinery | 102.3 | 3 | 893.0 | 2 | 112.2 | 4 | 423.0 | 30 |
| Response coverage ratio (percent) ² | 74 | (X) | 73 | (X) | 77 | (X) | 80 | (X) |
| Cost of purchased communication services | 28.4 | 6 | 640.7 | 3 | 67.9 | 3 | 261.9 | 62 |
| Response coverage ratio (percent) ² | 79 | (X) | 70 | (X) | 77 | (X) | 78 | (X) |
| Electric energy used for heat and power: | | | | | | | | |
| Purchased: | | | | | | | | |
| Quantity (million kWh) | 7 747.4 | 1 | 41 119.8 | 1 | 3 667.6 | 1 | 5 555.1 | 1 |
| Cost | 278.7 | (X) | 2 462.1 | (X) | 162.6 | (X) | 393.7 | (X) |
| Generated less sold (million kWh) | 1 032.4 | (X) | 1 354.9 | (X) | 259.2 | (X) | 135.3 | (X) |

See footnotes at end of table.

Table 2b. Supplemental State Statistics Based on Sample Estimates: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendices. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Item | Arkansas | | California | | Colorado | | Connecticut | |
|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Gross book value of depreciable assets ³ : | | | | | | | | |
| Total: | | | | | | | | |
| Beginning of year | 6 261.0 | 1 | 50 953.7 | 1 | 5 633.0 | 1 | 9 064.0 | 1 |
| New capital expenditures | 591.6 | 2 | 7 919.9 | 1 | 839.7 | 2 | 979.0 | 2 |
| Used capital expenditures | 93.5 | 50 | 352.2 | 4 | 248.8 | 1 | 56.3 | 13 |
| Retirements | 227.9 | 13 | 2 564.7 | 2 | 330.5 | 6 | 391.1 | 4 |
| End of year | 6 718.3 | 1 | 56 661.1 | 1 | 6 391.0 | 1 | 9 708.2 | 1 |
| Buildings and other structures: | | | | | | | | |
| Beginning of year | 1 407.8 | 1 | 14 710.7 | 1 | 1 663.0 | 2 | 2 546.8 | 1 |
| New capital expenditures | 66.5 | 9 | 2 342.0 | 1 | 165.6 | 5 | 194.9 | 7 |
| Used capital expenditures | 42.8 | 69 | 130.5 | 8 | 52.6 | 3 | 17.7 | 39 |
| Retirements | 40.8 | 17 | 473.2 | 2 | 69.8 | 10 | 75.3 | 6 |
| End of year | 1 476.2 | 2 | 16 710.0 | 1 | 1 811.4 | 1 | 2 684.1 | 1 |
| Machinery and equipment: | | | | | | | | |
| Beginning of year | 4 853.3 | 1 | 36 243.0 | 1 | 3 970.1 | 1 | 6 517.2 | 1 |
| New capital expenditures | 525.2 | 2 | 5 578.0 | 1 | 674.1 | 2 | 784.2 | 2 |
| Automobiles, trucks, etc., for highway use | 17.5 | 13 | 121.6 | 3 | 22.3 | 34 | 17.2 | 10 |
| Computers and peripheral data processing equipment | 6.5 | 12 | 437.1 | 2 | 55.1 | 4 | 29.6 | 3 |
| All other | 457.9 | 2 | 3 928.0 | 1 | 511.9 | 2 | 583.8 | 2 |
| New machinery and equipment, n.s.k. ⁴ | 43.4 | 12 | 1 091.3 | 4 | 84.8 | 27 | 153.6 | 8 |
| Used capital expenditures | 50.7 | 35 | 221.7 | 3 | 196.2 | 1 | 38.6 | 6 |
| Retirements | 187.1 | 13 | 2 091.6 | 2 | 260.7 | 5 | 315.8 | 4 |
| End of year | 5 242.1 | 1 | 39 951.1 | 1 | 4 579.7 | 1 | 7 024.2 | 1 |
| Rental payments: | | | | | | | | |
| Total | 68.9 | 5 | 1 520.9 | 1 | 113.2 | 3 | 245.0 | 2 |
| Buildings and other structures | 28.2 | 13 | 855.8 | 1 | 53.4 | 5 | 98.5 | 3 |
| Machinery and equipment | 40.7 | 3 | 665.1 | 1 | 59.8 | 4 | 146.5 | 2 |
| Depreciation charges during 1982: | | | | | | | | |
| Total | 448.5 | 4 | 4 076.4 | 1 | 457.7 | 2 | 666.4 | 1 |
| Buildings and other structures | 65.0 | 8 | 713.5 | 1 | 77.4 | 2 | 107.3 | 1 |
| Machinery and equipment | 383.5 | 4 | 3 362.9 | 1 | 380.3 | 2 | 559.1 | 1 |
| Item | Delaware | | District of Columbia | | Florida | | Georgia | |
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | | | |
| Total | 260.6 | 1 | 73.2 | 2 | 1 473.0 | 1 | 1 515.8 | 1 |
| Legal costs | 79.4 | 1 | 31.2 | 1 | 606.0 | 1 | 622.5 | 1 |
| Voluntary costs | 181.2 | 1 | 42.1 | 3 | 866.9 | 1 | 893.3 | 1 |
| Purchased services: | | | | | | | | |
| Cost of purchased services for the repair of— | | | | | | | | |
| Buildings and other structures | 7.2 | 13 | 1.5 | 1 | 48.4 | 3 | 80.8 | 1 |
| Response coverage ratio (percent) ² | 75 | (X) | 73 | (X) | 59 | (X) | 71 | (X) |
| Machinery | 63.6 | 3 | 5.9 | 10 | 196.0 | 4 | 322.6 | 2 |
| Response coverage ratio (percent) ² | 80 | (X) | 81 | (X) | 64 | (X) | 75 | (X) |
| Cost of purchased communication services | 7.9 | 9 | 5.5 | 8 | 92.1 | 3 | 133.1 | 1 |
| Response coverage ratio (percent) ² | 77 | (X) | 79 | (X) | 64 | (X) | 73 | (X) |
| Electric energy used for heat and power: | | | | | | | | |
| Purchased: | | | | | | | | |
| Quantity (million kWh) | 2 314.8 | 1 | 134.5 | 1 | 9 141.5 | 1 | 15 516.2 | 1 |
| Cost | 125.5 | (X) | 8.6 | (X) | 532.1 | (X) | 661.5 | (X) |
| Generated less sold (million kWh) | (D) | (X) | — | (X) | 2 254.7 | (X) | (S) | (X) |
| Gross book value of depreciable assets ³ : | | | | | | | | |
| Total: | | | | | | | | |
| Beginning of year | 2 641.2 | 2 | 314.9 | 2 | 12 657.1 | 1 | 15 309.1 | 1 |
| New capital expenditures | 318.2 | 2 | 42.2 | 4 | 1 918.8 | 3 | 1 823.0 | 1 |
| Used capital expenditures | 9.5 | 30 | 2.2 | 9 | 73.6 | 6 | 124.0 | 8 |
| Retirements | 44.7 | 7 | 14.4 | 8 | 532.7 | 5 | 730.8 | 4 |
| End of year | 2 924.2 | 1 | 344.9 | 3 | 14 116.8 | 1 | 16 525.2 | 1 |
| Buildings and other structures: | | | | | | | | |
| Beginning of year | 430.0 | 2 | 121.5 | 3 | 2 621.8 | 1 | 3 379.1 | 1 |
| New capital expenditures | 32.0 | 8 | 1.8 | 6 | 327.8 | 4 | 232.7 | 6 |
| Used capital expenditures | 2.7 | 50 | — | 1 | 14.7 | 18 | 28.5 | 19 |
| Retirements | 4.1 | 21 | 2.5 | 4 | 95.2 | 11 | 146.7 | 3 |
| End of year | 460.6 | 1 | 120.8 | 3 | 2 869.1 | 1 | 3 493.6 | 1 |
| Machinery and equipment: | | | | | | | | |
| Beginning of year | 2 211.2 | 2 | 193.4 | 3 | 10 035.3 | 1 | 11 930.0 | 1 |
| New capital expenditures | 286.2 | 2 | 40.5 | 4 | 1 591.1 | 3 | 1 590.3 | 1 |
| Automobiles, trucks, etc., for highway use | 4.6 | 16 | 2 | 21 | 45.5 | 16 | 31.9 | 10 |
| Computers and peripheral data processing equipment | 1.8 | 5 | 8.4 | 11 | 70.9 | 3 | 45.7 | 9 |
| All other | 224.7 | 1 | 6.2 | 9 | 1 235.0 | 3 | 1 119.0 | 2 |
| New machinery and equipment, n.s.k. ⁴ | 55.1 | 11 | 25.8 | 4 | 239.8 | 9 | 393.9 | 3 |
| Used capital expenditures | 6.7 | 31 | 2.2 | 9 | 58.9 | 6 | 95.4 | 7 |
| Retirements | 40.6 | 6 | 11.9 | 9 | 437.4 | 4 | 584.2 | 4 |
| End of year | 2 463.5 | 2 | 224.2 | 3 | 11 247.8 | 1 | 13 031.5 | 1 |
| Rental payments: | | | | | | | | |
| Total | 15.8 | 4 | 12.5 | 13 | 260.5 | 4 | 201.6 | 2 |
| Buildings and other structures | 4.6 | 7 | 6.6 | 23 | 118.8 | 7 | 68.7 | 4 |
| Machinery and equipment | 11.2 | 5 | 5.9 | 8 | 141.6 | 3 | 132.9 | 2 |
| Depreciation charges during 1982: | | | | | | | | |
| Total | 144.8 | 1 | 23.6 | 4 | 1 078.6 | 1 | 1 069.2 | 1 |
| Buildings and other structures | 15.2 | 2 | 4.6 | 6 | 144.1 | 2 | 151.0 | 2 |
| Machinery and equipment | 129.6 | 1 | 19.0 | 4 | 934.5 | 1 | 918.3 | 1 |

See footnotes at end of table.

Table 2b. Supplemental State Statistics Based on Sample Estimates: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendices. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

| Item | Hawaii | | Idaho | | Illinois | | Indiana | |
|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | | | |
| Total | 72.6 | 4 | 175.5 | 1 | 5 100.8 | 1 | 3 344.8 | 1 |
| Legal costs | 31.4 | 2 | 76.7 | 1 | 1 921.8 | 1 | 995.5 | 1 |
| Voluntary costs | 41.2 | 6 | 98.8 | 1 | 3 179.0 | 1 | 2 349.2 | 1 |
| Purchased services: | | | | | | | | |
| Cost of purchased services for the repair of— | | | | | | | | |
| Buildings and other structures | 4.4 | 7 | 4.2 | 11 | 372.8 | 3 | 393.2 | 1 |
| Response coverage ratio (percent) ² | 62 | (X) | 84 | (X) | 74 | (X) | 82 | (X) |
| Machinery | 15.8 | 11 | 29.9 | 9 | 991.6 | 3 | 920.7 | 1 |
| Response coverage ratio (percent) ² | 74 | (X) | 88 | (X) | 77 | (X) | 85 | (X) |
| Cost of purchased communication services | 3.8 | 11 | 11.4 | 3 | 552.4 | 13 | 358.7 | 6 |
| Response coverage ratio (percent) ² | 74 | (X) | 79 | (X) | 77 | (X) | 86 | (X) |
| Electric energy used for heat and power: | | | | | | | | |
| Purchased: | | | | | | | | |
| Quantity (million kWh) | 313.8 | 1 | 4 606.5 | 1 | 26 843.2 | 1 | 23 734.4 | 1 |
| Cost | 38.0 | (X) | 100.7 | (X) | 1 388.1 | (X) | 942.1 | (X) |
| Generated less sold (million kWh) | 277.3 | (X) | (D) | (X) | 1 317.4 | (X) | 2 757.3 | (X) |
| Gross book value of depreciable assets³: | | | | | | | | |
| Total: | | | | | | | | |
| Beginning of year | 988.3 | 3 | 1 738.3 | 1 | 37 494.2 | 1 | 27 722.1 | 1 |
| New capital expenditures | 96.9 | 12 | 3 128.3 | 3 | 3 255.2 | 1 | 2 129.8 | 1 |
| Used capital expenditures | 5.2 | 55 | 10.9 | 15 | 364.9 | 17 | 165.8 | 5 |
| Retirements | 17.1 | 9 | 68.8 | 9 | 1 782.1 | 4 | 1 140.9 | 3 |
| End of year | 1 073.3 | 2 | 1 808.7 | 1 | 39 352.2 | 1 | 28 876.8 | 1 |
| Buildings and other structures: | | | | | | | | |
| Beginning of year | 341.1 | 2 | 385.5 | 2 | 9 830.3 | 1 | 6 274.5 | 1 |
| New capital expenditures | 35.3 | 5 | 18.1 | 6 | 538.5 | 3 | 364.4 | 4 |
| Used capital expenditures | 4.0 | 73 | 4.2 | 18 | 96.2 | 17 | 24.3 | 9 |
| Retirements | 4.4 | 27 | 15.5 | 13 | 357.6 | 6 | 223.5 | 4 |
| End of year | 376.0 | 2 | 392.3 | 2 | 10 107.4 | 1 | 6 439.7 | 1 |
| Machinery and equipment: | | | | | | | | |
| Beginning of year | 647.1 | 3 | 1 352.8 | 1 | 27 663.9 | 1 | 21 447.5 | 1 |
| New capital expenditures | 61.5 | 17 | 110.2 | 3 | 2 716.7 | 1 | 1 765.4 | 1 |
| Automobiles, trucks, etc., for highway use | 1.8 | 16 | 3.3 | 28 | 81.1 | 4 | 78.3 | 22 |
| Computers and peripheral data processing equipment | 5 | 44 | 5.0 | 1 | 83.7 | 4 | 64.9 | 2 |
| All other | 42.4 | 17 | 88.7 | 2 | 2 147.9 | 1 | 1 491.3 | 7 |
| New machinery and equipment, n.s.k. ⁴ | 16.9 | 50 | 13.2 | 36 | 404.0 | 9 | 131.0 | 1 |
| Used capital expenditures | 1.2 | 14 | 6.7 | 19 | 268.7 | 18 | 141.5 | 5 |
| Retirements | 12.6 | 7 | 53.2 | 9 | 1 404.6 | 3 | 917.4 | 4 |
| End of year | 697.2 | 3 | 1 416.5 | 1 | 29 244.7 | 1 | 22 437.0 | 1 |
| Rental payments: | | | | | | | | |
| Total | 19.2 | 13 | 11.6 | 7 | 602.7 | 2 | 277.3 | 2 |
| Buildings and other structures | 11.7 | 19 | 4.1 | 11 | 259.9 | 3 | 79.1 | 4 |
| Machinery and equipment | 7.5 | 12 | 7.5 | 9 | 342.8 | 3 | 198.2 | 3 |
| Depreciation charges during 1982: | | | | | | | | |
| Total | 55.6 | 4 | 119.2 | 2 | 2 679.1 | 1 | 1 580.5 | 1 |
| Buildings and other structures | 15.6 | 7 | 15.0 | 3 | 428.9 | 1 | 260.2 | 1 |
| Machinery and equipment | 40.0 | 6 | 104.2 | 2 | 2 250.2 | 1 | 1 320.4 | 1 |

| Item | Iowa | | Kansas | | Kentucky | | Louisiana | |
|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | | | |
| Total | 1 077.8 | 1 | 740.2 | 1 | 1 099.5 | 1 | 929.4 | 1 |
| Legal costs | 391.9 | 1 | 291.2 | 1 | 403.1 | 1 | 347.3 | 1 |
| Voluntary costs | 685.9 | 1 | 449.0 | 1 | 696.4 | 1 | 582.1 | 1 |
| Purchased services: | | | | | | | | |
| Cost of purchased services for the repair of— | | | | | | | | |
| Buildings and other structures | 23.2 | 4 | 19.8 | 4 | 31.8 | 1 | 45.0 | 1 |
| Response coverage ratio (percent) ² | 76 | (X) | 70 | (X) | 74 | (X) | 64 | (X) |
| Machinery | 98.7 | 3 | 100.8 | 3 | 147.0 | 2 | 403.1 | 2 |
| Response coverage ratio (percent) ² | 77 | (X) | 73 | (X) | 79 | (X) | 69 | (X) |
| Cost of purchased communication services | 43.7 | 5 | 39.0 | 3 | 107.2 | 1 | 46.1 | 6 |
| Response coverage ratio (percent) ² | 84 | (X) | 85 | (X) | 81 | (X) | 71 | (X) |
| Electric energy used for heat and power: | | | | | | | | |
| Purchased: | | | | | | | | |
| Quantity (million kWh) | 7 566.5 | 2 | 5 059.0 | 1 | 23 543.1 | 1 | 23 009.3 | 1 |
| Cost | 303.5 | (X) | 222.4 | (X) | 867.8 | (X) | 1 004.0 | (X) |
| Generated less sold (million kWh) | 355.5 | (X) | 55.4 | (X) | (D) | (X) | 5 626.0 | (X) |
| Gross book value of depreciable assets³: | | | | | | | | |
| Total: | | | | | | | | |
| Beginning of year | 9 175.5 | 1 | 5 741.9 | 1 | 9 920.0 | 1 | 20 841.0 | 1 |
| New capital expenditures | 623.2 | 2 | 583.7 | 7 | 952.5 | 2 | 2 465.2 | 3 |
| Used capital expenditures | 30.7 | 11 | 39.3 | 8 | 208.0 | 1 | 72.2 | 5 |
| Retirements | 215.6 | 3 | 415.9 | 5 | 622.0 | 3 | 638.3 | 9 |
| End of year | 9 613.8 | 1 | 5 949.0 | 1 | 10 458.5 | 1 | 22 740.1 | 1 |
| Buildings and other structures: | | | | | | | | |
| Beginning of year | 2 336.3 | 1 | 1 745.3 | 1 | 2 205.4 | 2 | 4 749.0 | 1 |
| New capital expenditures | 80.7 | 6 | 176.4 | 19 | 125.0 | 4 | 454.4 | 1 |
| Used capital expenditures | 4.1 | 11 | 5.2 | 13 | 36.1 | 7 | 27.9 | 1 |
| Retirements | 44.0 | 6 | 64.3 | 9 | 114.5 | 8 | 112.3 | 7 |
| End of year | 2 377.1 | 1 | 1 862.6 | 2 | 2 252.0 | 2 | 5 119.0 | 1 |

See footnotes at end of table.

Table 2b. Supplemental State Statistics Based on Sample Estimates: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendices. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Item | Iowa | | Kansas | | Kentucky | | Louisiana | |
|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Gross book value of depreciable assets ² :—Con. | | | | | | | | |
| Machinery and equipment: | | | | | | | | |
| Beginning of year | 6 839.2 | 1 | 3 996.6 | 1 | 7 714.7 | 1 | 16 092.0 | 1 |
| New capital expenditures | 542.5 | 2 | 407.3 | 3 | 827.5 | 2 | 2 010.8 | 3 |
| Automobiles, trucks, etc., for highway use | 13.2 | 13 | 13.1 | 10 | 9.5 | 11 | 31.7 | 53 |
| Computers and peripheral data processing equipment | 17.7 | 3 | 14.4 | 6 | 23.4 | 2 | 23.8 | 2 |
| All other | 437.8 | 2 | 331.5 | 3 | 718.3 | 2 | 1 700.4 | 4 |
| New machinery and equipment, n.s.k. ⁴ | 73.8 | 10 | 48.3 | 15 | 76.3 | 21 | 254.9 | 5 |
| Used capital expenditures | 26.7 | 12 | 34.1 | 9 | 171.9 | 1 | 44.3 | 8 |
| Retirements | 171.7 | 3 | 351.6 | 5 | 507.5 | 2 | 526.0 | 10 |
| End of year | 7 236.7 | 1 | 4 086.4 | 1 | 8 206.6 | 1 | 17 621.1 | 1 |
| Rental payments: | | | | | | | | |
| Total | 100.6 | 2 | 89.5 | 5 | 88.8 | 8 | 127.6 | 3 |
| Buildings and other structures | 30.1 | 4 | 32.8 | 10 | 29.2 | 9 | 23.1 | 5 |
| Machinery and equipment | 70.5 | 2 | 56.8 | 3 | 59.6 | 8 | 104.6 | 3 |
| Depreciation charges during 1982: | | | | | | | | |
| Total | 637.9 | 1 | 481.4 | 1 | 699.6 | 1 | 1 381.2 | 4 |
| Buildings and other structures | 97.5 | 1 | 89.3 | 3 | 88.0 | 2 | 212.4 | 2 |
| Machinery and equipment | 540.4 | 1 | 392.1 | 1 | 611.7 | 1 | 1 168.8 | 4 |

| Item | Maine | | Maryland | | Massachusetts | | Michigan | |
|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | | | |
| Total | 380.1 | 1 | 1 126.3 | 1 | 2 448.9 | 1 | 5 518.5 | 1 |
| Legal costs | 180.4 | 1 | 387.3 | 1 | 954.4 | 1 | 1 783.5 | 1 |
| Voluntary costs | 199.7 | 1 | 739.0 | 1 | 1 494.5 | 1 | 3 735.0 | 1 |
| Purchased services: | | | | | | | | |
| Cost of purchased services for the repair of— | | | | | | | | |
| Buildings and other structures | 11.8 | 17 | 28.4 | 5 | 204.1 | 1 | 134.3 | 3 |
| Response coverage ratio (percent) ² | 74 | (X) | 71 | (X) | 69 | (X) | 80 | (X) |
| Machinery | 79.5 | 2 | 175.0 | 2 | 452.9 | 1 | 567.2 | 1 |
| Response coverage ratio (percent) ² | 77 | (X) | 74 | (X) | 75 | (X) | 83 | (X) |
| Cost of purchased communication services | 15.2 | 4 | 76.8 | 6 | 305.9 | 1 | 165.0 | 2 |
| Response coverage ratio (percent) ² | 75 | (X) | 73 | (X) | 73 | (X) | 81 | (X) |
| Electric energy used for heat and power: | | | | | | | | |
| Purchased: | | | | | | | | |
| Quantity (million kWh) | 3 340.4 | 1 | 7 655.0 | 1 | 7 657.9 | 1 | 22 032.1 | 1 |
| Cost | 159.8 | (X) | 307.0 | (X) | 523.0 | (X) | 1 205.3 | (X) |
| Generated less sold (million kWh) | 2 909.8 | (X) | (D) | (X) | 376.2 | (X) | 2 645.4 | (X) |
| Gross book value of depreciable assets ² : | | | | | | | | |
| Total: | | | | | | | | |
| Beginning of year | 4 442.3 | 1 | 7 741.7 | 1 | 12 871.3 | 1 | 36 824.5 | 1 |
| New capital expenditures | 516.0 | 3 | 697.6 | 2 | 1 702.2 | 4 | 3 504.0 | 4 |
| Used capital expenditures | 22.8 | 22 | 59.3 | 5 | 102.3 | 6 | 301.2 | 3 |
| Retirements | 99.3 | 15 | 305.7 | 3 | 560.5 | 4 | 2 474.3 | 1 |
| End of year | 4 881.8 | 1 | 8 192.9 | 1 | 14 115.3 | 1 | 38 155.4 | 1 |
| Buildings and other structures: | | | | | | | | |
| Beginning of year | 741.9 | 2 | 2 098.2 | 1 | 3 280.9 | 1 | 8 297.7 | 1 |
| New capital expenditures | 80.3 | 9 | 82.8 | 13 | 374.7 | 13 | 528.3 | 4 |
| Used capital expenditures | 8.8 | 41 | 26.1 | 1 | 32.1 | 4 | 71.9 | 4 |
| Retirements | 23.9 | 27 | 41.7 | 2 | 102.0 | 6 | 203.4 | 4 |
| End of year | 807.1 | 2 | 2 165.4 | 1 | 3 585.7 | 1 | 8 694.5 | 1 |
| Machinery and equipment: | | | | | | | | |
| Beginning of year | 3 700.4 | 1 | 5 643.4 | 1 | 9 590.4 | 1 | 28 526.8 | 1 |
| New capital expenditures | 435.8 | 3 | 614.8 | 2 | 1 327.5 | 3 | 2 975.7 | 1 |
| Automobiles, trucks, etc., for highway use | 12.6 | 20 | 18.0 | 7 | 31.3 | 9 | 83.8 | 3 |
| Computers and peripheral data processing equipment | 10.9 | 9 | 28.6 | 6 | 85.9 | 3 | 92.6 | 2 |
| All other | 351.9 | 1 | 433.7 | 2 | 933.5 | 3 | 2 537.9 | 1 |
| New machinery and equipment, n.s.k. ⁴ | 60.4 | 23 | 134.5 | 5 | 277.0 | 6 | 261.4 | 10 |
| Used capital expenditures | 14.0 | 24 | 33.2 | 8 | 70.2 | 9 | 229.3 | 3 |
| Retirements | 75.4 | 12 | 263.9 | 3 | 458.5 | 4 | 2 271.0 | 1 |
| End of year | 4 074.8 | 1 | 6 027.5 | 1 | 10 529.6 | 1 | 29 460.8 | 1 |
| Rental payments: | | | | | | | | |
| Total | 61.3 | 7 | 127.2 | 4 | 373.6 | 2 | 384.1 | 3 |
| Buildings and other structures | 13.6 | 10 | 50.8 | 8 | 203.3 | 3 | 138.8 | 5 |
| Machinery and equipment | 47.7 | 9 | 76.4 | 3 | 170.3 | 4 | 245.3 | 3 |
| Depreciation charges during 1982: | | | | | | | | |
| Total | 277.3 | 1 | 476.2 | 1 | 1 140.2 | 1 | 2 629.2 | 1 |
| Buildings and other structures | 36.2 | 5 | 80.1 | 2 | 186.2 | 1 | 330.0 | 1 |
| Machinery and equipment | 241.1 | 1 | 396.1 | 1 | 954.0 | 1 | 2 299.3 | 1 |

| Item | Minnesota | | Mississippi | | Missouri | | Montana | |
|---------------------------|--------------------------------|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | | | |
| Total | 1 316.6 | 1 | 582.5 | 1 | 1 699.5 | 1 | 92.3 | 2 |
| Legal costs | 559.3 | 1 | 266.7 | 1 | 595.6 | 1 | 37.2 | 5 |
| Voluntary costs | 757.2 | 1 | 315.8 | 1 | 1 103.9 | 1 | 55.1 | 3 |

See footnotes at end of table.

Table 2b. Supplemental State Statistics Based on Sample Estimates: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

| Item | Minnesota | | Mississippi | | Missouri | | Montana | |
|---|--------------------------------|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Purchased services: | | | | | | | | |
| Cost of purchased services for the repair of— | | | | | | | | |
| Buildings and other structures | 48.3 | 5 | 20.3 | 4 | 55.6 | 2 | 1.6 | 51 |
| Response coverage ratio (percent) ² | 72 | (X) | 69 | (X) | 74 | (X) | 60 | (X) |
| Machinery | 177.3 | 16 | 98.7 | 4 | 166.6 | 3 | 22.7 | 17 |
| Response coverage ratio (percent) ² | 78 | (X) | 70 | (X) | 78 | (X) | 68 | (X) |
| Cost of purchased communication services | 122.7 | 8 | 28.2 | 3 | 92.8 | 3 | 4.1 | 25 |
| Response coverage ratio (percent) ² | 80 | (X) | 74 | (X) | 82 | (X) | 66 | (X) |
| Electric energy used for heat and power: | | | | | | | | |
| Purchased: | | | | | | | | |
| Quantity (million kWh) | 7 058.0 | 1 | 6 205.8 | 1 | 10 436.2 | 1 | 3 370.7 | 1 |
| Cost | 292.9 | (X) | 291.3 | (X) | 394.5 | (X) | 66.7 | (X) |
| Generated less sold (million kWh) | 671.6 | (X) | (D) | (X) | 142.2 | (X) | (D) | (X) |
| Gross book value of depreciable assets ³ : | | | | | | | | |
| Total: | | | | | | | | |
| Beginning of year | 9 126.2 | 1 | 6 265.3 | 1 | 10 847.5 | 1 | 1 332.8 | 3 |
| New capital expenditures | 1 167.0 | 3 | 955.8 | 1 | 1 394.0 | 3 | 83.3 | 15 |
| Used capital expenditures | 55.8 | 12 | 87.9 | 27 | 223.8 | 5 | 4.7 | 9 |
| Retirements | 397.8 | 5 | 210.6 | 10 | 610.2 | 4 | 24.1 | 11 |
| End of year | 9 951.2 | 1 | 7 098.4 | 1 | 11 855.1 | 1 | 1 396.7 | 3 |
| Buildings and other structures: | | | | | | | | |
| Beginning of year | 2 478.4 | 1 | 2 305.0 | 1 | 2 999.0 | 1 | 189.0 | 7 |
| New capital expenditures | 295.4 | 3 | 601.3 | 1 | 254.2 | 5 | 20.4 | 4 |
| Used capital expenditures | 9.1 | 10 | 30.6 | 50 | 76.2 | 7 | .2 | 26 |
| Retirements | 84.9 | 4 | 38.9 | 15 | 78.8 | 7 | 8.0 | 5 |
| End of year | 2 698.0 | 1 | 2 898.0 | 1 | 3 250.6 | 1 | 201.6 | 6 |
| Machinery and equipment: | | | | | | | | |
| Beginning of year | 6 647.8 | 1 | 3 960.3 | 1 | 7 848.6 | 1 | 1 143.8 | 3 |
| New capital expenditures | 871.7 | 3 | 354.5 | 4 | 1 139.8 | 3 | 63.0 | 20 |
| Automobiles, trucks, etc., for highway use | 25.3 | 22 | 10.4 | 12 | 21.8 | 6 | 1.8 | 39 |
| Computers and peripheral data processing equipment | 60.9 | 6 | 10.4 | 22 | 30.6 | 10 | .5 | 25 |
| All other | 674.9 | 4 | 265.7 | 4 | 966.2 | 3 | 29.7 | 6 |
| New machinery and equipment, n.s.k. ⁴ | 110.6 | 21 | 68.0 | 10 | 121.2 | 18 | 31.0 | 46 |
| Used capital expenditures | 46.7 | 14 | 57.3 | 20 | 147.6 | 5 | 4.5 | 9 |
| Retirements | 313.0 | 5 | 171.8 | 9 | 531.4 | 4 | 16.1 | 17 |
| End of year | 7 253.2 | 1 | 4 200.3 | 1 | 8 604.6 | 1 | 1 195.2 | 4 |
| Rental payments: | | | | | | | | |
| Total | 204.9 | 5 | 66.9 | 3 | 155.4 | 3 | 8.4 | 7 |
| Buildings and other structures | 102.1 | 4 | 17.4 | 8 | 62.4 | 3 | 1.6 | 12 |
| Machinery and equipment | 102.8 | 9 | 49.6 | 4 | 93.0 | 5 | 6.9 | 8 |
| Depreciation charges during 1982: | | | | | | | | |
| Total | 731.9 | 2 | 397.3 | 2 | 756.2 | 1 | 80.7 | 5 |
| Buildings and other structures | 121.2 | 3 | 84.1 | 4 | 122.1 | 3 | 6.2 | 8 |
| Machinery and equipment | 610.7 | 2 | 313.2 | 1 | 634.1 | 1 | 74.5 | 6 |
| Item | Nebraska | | Nevada | | New Hampshire | | New Jersey | |
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | | | |
| Total | 339.3 | 1 | 76.8 | 1 | 347.8 | 1 | 2 781.0 | 1 |
| Legal costs | 130.9 | 1 | 31.4 | 2 | 149.3 | 2 | 1 127.6 | 1 |
| Voluntary costs | 208.3 | 1 | 45.4 | 2 | 198.5 | 2 | 1 653.4 | 1 |
| Purchased services: | | | | | | | | |
| Cost of purchased services for the repair of— | | | | | | | | |
| Buildings and other structures | 8.9 | 6 | 1.2 | 25 | 11.7 | 6 | 149.0 | 10 |
| Response coverage ratio (percent) ² | 80 | (X) | 69 | (X) | 70 | (X) | 64 | (X) |
| Machinery | 42.6 | 8 | 9.2 | 22 | 32.0 | 6 | 569.3 | 30 |
| Response coverage ratio (percent) ² | 81 | (X) | 80 | (X) | 76 | (X) | 67 | (X) |
| Cost of purchased communication services | 17.6 | 6 | 4.8 | 14 | 22.9 | 6 | 229.1 | 25 |
| Response coverage ratio (percent) ² | 81 | (X) | 70 | (X) | 77 | (X) | 66 | (X) |
| Electric energy used for heat and power: | | | | | | | | |
| Purchased: | | | | | | | | |
| Quantity (million kWh) | 2 799.5 | 1 | 735.2 | 2 | 1 499.6 | 1 | 13 424.9 | 1 |
| Cost | 106.3 | (X) | 32.3 | (X) | 103.2 | (X) | 913.5 | (X) |
| Generated less sold (million kWh) | (D) | (X) | 72.9 | (X) | (D) | (X) | 418.0 | (X) |
| Gross book value of depreciable assets ³ : | | | | | | | | |
| Total: | | | | | | | | |
| Beginning of year | 2 804.0 | 2 | 620.9 | 2 | 2 262.2 | 1 | 19 464.6 | 1 |
| New capital expenditures | 284.1 | 24 | 62.4 | 11 | 239.5 | 6 | 2 077.4 | 2 |
| Used capital expenditures | 16.9 | 10 | 4.8 | 24 | 21.3 | 23 | 89.9 | 9 |
| Retirements | 86.6 | 21 | 17.3 | 9 | 85.7 | 11 | 1 067.0 | 2 |
| End of year | 3 018.4 | 4 | 670.8 | 2 | 2 437.3 | 1 | 20 564.9 | 1 |
| Buildings and other structures: | | | | | | | | |
| Beginning of year | 804.8 | 3 | 117.0 | 5 | 644.2 | 3 | 5 766.0 | 1 |
| New capital expenditures | 37.3 | 16 | 16.7 | 16 | 52.6 | 16 | 512.8 | 2 |
| Used capital expenditures | 2.9 | 12 | .2 | 15 | 7.1 | 22 | 21.8 | 24 |
| Retirements | 19.4 | 42 | 3.2 | 19 | 19.3 | 21 | 237.4 | 2 |
| End of year | 825.6 | 3 | 130.7 | 4 | 684.6 | 2 | 6 063.2 | 1 |
| Machinery and equipment: | | | | | | | | |
| Beginning of year | 1 999.2 | 3 | 503.9 | 2 | 1 618.0 | 1 | 13 698.6 | 1 |
| New capital expenditures | 246.7 | 26 | 45.7 | 15 | 186.9 | 5 | 1 564.6 | 3 |
| Automobiles, trucks, etc., for highway use | 6.5 | 12 | .9 | 58 | 5.1 | 12 | 44.0 | 7 |
| Computers and peripheral data processing equipment | 5.1 | 6 | .9 | 21 | 29.5 | 3 | 45.4 | 5 |
| All other | 206.2 | 30 | 35.8 | 14 | 115.9 | 8 | 1 036.7 | 3 |
| New machinery and equipment, n.s.k. ⁴ | 28.9 | 18 | 8.4 | 61 | 36.5 | 19 | 438.7 | 9 |
| Used capital expenditures | 14.0 | 11 | 4.5 | 25 | 14.2 | 32 | 68.0 | 9 |
| Retirements | 67.2 | 16 | 14.1 | 9 | 66.5 | 10 | 829.6 | 2 |
| End of year | 2 192.7 | 5 | 540.0 | 2 | 1 752.6 | 1 | 14 501.6 | 1 |

See footnotes at end of table.

Table 2b. Supplemental State Statistics Based on Sample Estimates: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Item | Nebraska | | Nevada | | New Hampshire | | New Jersey | |
|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Rental payments: | | | | | | | | |
| Total | 34.5 | 8 | 11.9 | 11 | 37.4 | 5 | 414.7 | 2 |
| Buildings and other structures | 13.3 | 7 | 6.3 | 22 | 17.7 | 8 | 217.6 | 4 |
| Machinery and equipment | 21.2 | 10 | 5.6 | 5 | 19.8 | 3 | 197.1 | 3 |
| Depreciation charges during 1982: | | | | | | | | |
| Total | 192.5 | 2 | 47.3 | 4 | 185.7 | 1 | 1 391.0 | 1 |
| Buildings and other structures | 34.0 | 4 | 5.1 | 4 | 29.0 | 3 | 270.6 | 1 |
| Machinery and equipment | 158.5 | 2 | 42.2 | 4 | 156.8 | 1 | 1 120.4 | 1 |
| Item | New Mexico | | New York | | North Carolina | | North Dakota | |
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | | | |
| Total | 101.2 | 3 | 5 315.4 | 1 | 2 173.5 | 1 | 49.7 | 2 |
| Legal costs | 40.7 | 2 | 2 091.2 | 1 | 885.4 | 1 | 21.9 | 1 |
| Voluntary costs | 60.5 | 4 | 3 224.2 | 1 | 1 288.1 | 1 | 27.8 | 4 |
| Purchased services: | | | | | | | | |
| Cost of purchased services for the repair of— | | | | | | | | |
| Buildings and other structures | 3.8 | 28 | 206.9 | 1 | 114.6 | 2 | 5.9 | 12 |
| Response coverage ratio (percent) ² | 68 | (X) | 61 | (X) | 73 | (X) | 72 | (X) |
| Machinery | 25.9 | 53 | 841.4 | 11 | 351.0 | 2 | 7.7 | 16 |
| Response coverage ratio (percent) ² | 69 | (X) | 66 | (X) | 76 | (X) | 76 | (X) |
| Cost of purchased communication services | 5.9 | 14 | 846.2 | 1 | 106.7 | 1 | 3.0 | 8 |
| Response coverage ratio (percent) ² | 70 | (X) | 66 | (X) | 73 | (X) | 81 | (X) |
| Electric energy used for heat and power: | | | | | | | | |
| Purchased: | | | | | | | | |
| Quantity (million kWh) | 896.6 | 2 | 31 235.0 | 1 | 21 199.0 | 1 | 551.0 | 9 |
| Cost | 47.5 | (X) | 1 340.9 | (X) | 892.7 | (X) | 20.9 | (X) |
| Generated less sold (million kWh) | (D) | (X) | 1 968.7 | (X) | 1 945.2 | (X) | (D) | (X) |
| Gross book value of depreciable assets ³ : | | | | | | | | |
| Total: | | | | | | | | |
| Beginning of year | 1 196.0 | 4 | 33 249.7 | 1 | 21 669.9 | 1 | 695.5 | 8 |
| New capital expenditures | 92.6 | 10 | 4 054.8 | 1 | 2 390.0 | 2 | 46.1 | 14 |
| Used capital expenditures | 10.2 | 17 | 760.3 | 1 | 962.0 | 1 | 3.5 | 23 |
| Retirements | 58.5 | 17 | 1 474.2 | 6 | 1 398.1 | 6 | 17.7 | 64 |
| End of year | 1 240.3 | 4 | 36 590.6 | 1 | 23 623.8 | 1 | 727.4 | 7 |
| Buildings and other structures: | | | | | | | | |
| Beginning of year | 276.2 | 10 | 8 654.2 | 1 | 5 271.0 | 1 | 177.7 | 13 |
| New capital expenditures | 19.3 | 4 | 789.1 | 2 | 416.4 | 2 | 5.6 | 12 |
| Used capital expenditures | 1.7 | 31 | 105.9 | 12 | 53.1 | 16 | — | 1 |
| Retirements | 29.2 | 27 | 266.2 | 10 | 182.0 | 14 | .9 | 19 |
| End of year | 268.0 | 10 | 9 283.0 | 1 | 5 558.5 | 1 | 182.4 | 13 |
| Machinery and equipment: | | | | | | | | |
| Beginning of year | 919.8 | 3 | 24 595.5 | 1 | 16 398.9 | 1 | 517.8 | 6 |
| New capital expenditures | 73.2 | 12 | 3 265.6 | 1 | 1 973.6 | 3 | 40.5 | 15 |
| Automobiles, trucks, etc., for highway use | 1.8 | 29 | 79.5 | 5 | 38.1 | 9 | 2.0 | 34 |
| Computers and peripheral data processing equipment | 1.0 | 9 | 231.9 | 2 | 54.7 | 3 | 1.5 | 53 |
| All other | 63.2 | 22 | 2 449.1 | 1 | 1 423.2 | 4 | 23.1 | 10 |
| New machinery and equipment, n.s.k. ⁴ | 7.2 | (S) | 505.1 | 6 | 457.7 | 3 | 13.9 | 48 |
| Used capital expenditures | 8.5 | 19 | 654.4 | 1 | 908.9 | 1 | 3.5 | 23 |
| Retirements | 29.3 | 17 | 1 208.0 | 5 | 1 216.1 | 5 | 16.8 | 67 |
| End of year | 972.2 | 3 | 27 307.5 | 1 | 18 065.3 | 1 | 545.0 | 6 |
| Rental payments: | | | | | | | | |
| Total | 9.6 | 13 | 822.4 | 2 | 231.0 | 2 | 6.3 | 16 |
| Buildings and other structures | 2.5 | 27 | 459.2 | 3 | 94.3 | 4 | 3.8 | 27 |
| Machinery and equipment | 7.1 | 14 | 363.1 | 2 | 136.6 | 2 | 2.5 | 8 |
| Depreciation charges during 1982: | | | | | | | | |
| Total | 78.1 | 4 | 2 685.3 | 1 | 1 534.4 | 3 | 46.3 | 6 |
| Buildings and other structures | 8.0 | 10 | 383.7 | 1 | 226.8 | 2 | 7.1 | 13 |
| Machinery and equipment | 70.1 | 4 | 2 301.6 | 1 | 1 307.6 | 4 | 39.2 | 6 |
| Item | Ohio | | Oklahoma | | Oregon | | Pennsylvania | |
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | | | |
| Total | 6 112.7 | 1 | 743.8 | 1 | 847.8 | 1 | 5 388.0 | 1 |
| Legal costs | 1 993.0 | 1 | 283.6 | 1 | 385.3 | 1 | 1 995.8 | 1 |
| Voluntary costs | 4 119.3 | 1 | 460.3 | 1 | 462.4 | 1 | 3 392.2 | 1 |
| Purchased services: | | | | | | | | |
| Cost of purchased services for the repair of— | | | | | | | | |
| Buildings and other structures | 152.6 | 1 | 21.7 | 13 | 25.7 | 5 | 153.5 | 6 |
| Response coverage ratio (percent) ² | 77 | (X) | 68 | (X) | 66 | (X) | 68 | (X) |
| Machinery | 1 644.8 | 1 | 131.8 | 5 | 98.3 | 4 | 594.4 | 2 |
| Response coverage ratio (percent) ² | 81 | (X) | 72 | (X) | 72 | (X) | 73 | (X) |
| Cost of purchased communication services | 288.2 | 2 | 32.1 | 5 | 44.1 | 2 | 349.1 | 2 |
| Response coverage ratio (percent) ² | 82 | (X) | 73 | (X) | 72 | (X) | 76 | (X) |
| Electric energy used for heat and power: | | | | | | | | |
| Purchased: | | | | | | | | |
| Quantity (million kWh) | 43 593.1 | 1 | 7 271.6 | 2 | 11 966.5 | 1 | 30 579.0 | 1 |
| Cost | 1 765.5 | (X) | 240.9 | (X) | 330.2 | (X) | 1 580.4 | (X) |
| Generated less sold (million kWh) | 2 100.9 | (X) | 521.0 | (X) | (S) | (X) | 1 859.3 | (X) |

See footnotes at end of table.

Table 2b. Supplemental State Statistics Based on Sample Estimates: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

| Item | Ohio | | Oklahoma | | Oregon | | Pennsylvania | |
|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Gross book value of depreciable assets ³ : | | | | | | | | |
| Total: | | | | | | | | |
| Beginning of year | 41 957.8 | 1 | 7 130.7 | 2 | 7 385.3 | 1 | 38 664.9 | 1 |
| New capital expenditures | 3 783.2 | 1 | 789.9 | 2 | 618.3 | 4 | 3 349.8 | 1 |
| Used capital expenditures | 305.5 | 11 | 25.4 | 11 | 65.2 | 29 | 234.9 | 11 |
| Retirements | 2 146.0 | 2 | 369.3 | 3 | 377.8 | 8 | 1 654.1 | 3 |
| End of year | 43 900.5 | 1 | 7 576.7 | 2 | 7 691.0 | 1 | 40 595.5 | 1 |
| Buildings and other structures: | | | | | | | | |
| Beginning of year | 9 197.6 | 1 | 1 700.9 | 4 | 1 497.1 | 2 | 8 476.5 | 1 |
| New capital expenditures | 460.5 | 2 | 119.7 | 3 | 90.4 | 3 | 615.1 | 2 |
| Used capital expenditures | 60.7 | 8 | 7.1 | 19 | 28.7 | 59 | 62.6 | 27 |
| Retirements | 290.7 | 3 | 96.5 | 3 | 75.8 | 18 | 314.9 | 4 |
| End of year | 9 428.1 | 1 | 1 731.2 | 4 | 1 540.4 | 3 | 8 839.3 | 1 |
| Machinery and equipment: | | | | | | | | |
| Beginning of year | 32 760.2 | 1 | 5 429.7 | 2 | 5 888.2 | 1 | 30 188.4 | 1 |
| New capital expenditures | 3 322.7 | 1 | 670.3 | 3 | 527.9 | 5 | 2 734.6 | 1 |
| Automobiles, trucks, etc., for highway use | 72.3 | 4 | 17.7 | 13 | 14.1 | 13 | 88.6 | 6 |
| Computers and peripheral data processing equipment | 89.1 | 5 | 59.1 | 1 | 38.3 | 1 | 133.0 | 2 |
| All other | 2 812.6 | 1 | 496.8 | 3 | 366.4 | 6 | 2 058.7 | 1 |
| New machinery and equipment, n.s.k. ⁴ | 348.9 | 6 | 96.6 | 11 | 109.2 | 11 | 454.3 | 9 |
| Used capital expenditures | 244.7 | 14 | 18.3 | 12 | 36.4 | 9 | 172.3 | 7 |
| Retirements | 1 855.2 | 2 | 272.8 | 3 | 301.9 | 7 | 1 339.2 | 3 |
| End of year | 34 472.4 | 1 | 5 845.5 | 2 | 6 150.6 | 1 | 31 756.1 | 1 |
| Rental payments: | | | | | | | | |
| Total | 517.2 | 2 | 91.0 | 9 | 94.6 | 4 | 537.1 | 2 |
| Buildings and other structures | 195.0 | 3 | 34.6 | 19 | 42.8 | 7 | 201.6 | 4 |
| Machinery and equipment | 322.2 | 2 | 56.4 | 7 | 51.8 | 5 | 335.5 | 2 |
| Depreciation charges during 1982: | | | | | | | | |
| Total | 2 876.6 | 1 | 534.2 | 2 | 528.2 | 1 | 2 358.4 | 1 |
| Buildings and other structures | 376.9 | 2 | 78.0 | 4 | 62.6 | 3 | 363.8 | 1 |
| Machinery and equipment | 2 499.7 | 1 | 456.2 | 2 | 465.6 | 1 | 1 994.5 | 1 |
| Item | Rhode Island | | South Carolina | | South Dakota | | Tennessee | |
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | | | |
| Total | 377.8 | 1 | 1 111.0 | 1 | 77.1 | 3 | 1 633.1 | 1 |
| Legal costs | 179.7 | 1 | 444.1 | 1 | 31.3 | 2 | 620.5 | 1 |
| Voluntary costs | 198.1 | 2 | 666.9 | 1 | 45.8 | 3 | 1 012.5 | 1 |
| Purchased services: | | | | | | | | |
| Cost of purchased services for the repair of— | | | | | | | | |
| Buildings and other structures | 10.2 | 5 | 44.0 | 3 | 1.7 | 22 | 44.0 | 3 |
| Response coverage ratio (percent) ² | 63 | (X) | 74 | (X) | 83 | (X) | 72 | (X) |
| Machinery | 30.9 | 8 | 223.4 | 4 | 5.3 | 21 | 226.0 | 2 |
| Response coverage ratio (percent) ² | 70 | (X) | 77 | (X) | 85 | (X) | 77 | (X) |
| Cost of purchased communication services | 18.9 | 3 | 57.2 | 2 | 4.3 | 9 | 67.3 | 3 |
| Response coverage ratio (percent) ² | 69 | (X) | 81 | (X) | 81 | (X) | 78 | (X) |
| Electric energy used for heat and power: | | | | | | | | |
| Purchased: | | | | | | | | |
| Quantity (million kWh) | 1 387.4 | 1 | 18 113.6 | 1 | 465.3 | 10 | 25 559.8 | (X) |
| Cost | 90.6 | (X) | 686.6 | (X) | 18.6 | (X) | 1 078.1 | (X) |
| Generated less sold (million kWh) | 5.5 | (X) | 1 322.3 | (X) | — | (X) | 1 894.4 | (X) |
| Gross book value of depreciable assets ³ : | | | | | | | | |
| Total: | | | | | | | | |
| Beginning of year | 2 107.5 | 2 | 13 726.6 | 1 | 481.5 | 7 | 14 022.3 | 1 |
| New capital expenditures | 177.5 | 7 | 1 394.5 | 2 | 63.2 | 26 | 1 764.6 | 1 |
| Used capital expenditures | 11.5 | 14 | 101.2 | 3 | 55.7 | 83 | 96.4 | 4 |
| Retirements | 69.5 | 14 | 512.1 | 4 | 43.2 | 74 | 521.7 | 2 |
| End of year | 2 227.0 | 2 | 14 710.2 | 1 | 557.2 | 7 | 15 361.6 | 1 |
| Buildings and other structures: | | | | | | | | |
| Beginning of year | 547.1 | 4 | 2 915.9 | 1 | 139.9 | 9 | 3 457.3 | 1 |
| New capital expenditures | 41.9 | 15 | 212.1 | 1 | 19.4 | 33 | 361.6 | 1 |
| Used capital expenditures | 7 | 22 | 18.4 | 4 | 19.1 | 86 | 24.8 | 6 |
| Retirements | 18.7 | 47 | 102.5 | 6 | 16.9 | 78 | 100.6 | 3 |
| End of year | 571.0 | 4 | 3 043.9 | 1 | 161.5 | 8 | 3 743.1 | 1 |
| Machinery and equipment: | | | | | | | | |
| Beginning of year | 1 560.4 | 2 | 10 810.7 | 1 | 341.6 | 7 | 10 565.0 | 1 |
| New capital expenditures | 135.6 | 6 | 1 182.4 | 3 | 43.9 | 24 | 1 403.0 | 1 |
| Automobiles, trucks, etc., for highway use | 5.7 | 17 | 20.4 | 21 | 1.1 | 44 | 40.8 | 16 |
| Computers and peripheral data processing equipment | 5.7 | 8 | 27.1 | 2 | 1.4 | 26 | 31.0 | 4 |
| All other | 93.1 | 3 | 1 020.5 | 3 | 20.7 | 42 | 960.5 | 1 |
| New machinery and equipment, n.s.k. ⁴ | 32.4 | 34 | 114.4 | 8 | 20.7 | 25 | 370.6 | 3 |
| Used capital expenditures | 10.8 | 14 | 82.8 | 4 | 36.7 | 81 | 71.7 | 4 |
| Retirements | 50.8 | 3 | 409.5 | 4 | 26.3 | 72 | 421.1 | 2 |
| End of year | 1 656.0 | 2 | 11 666.4 | 1 | 395.8 | 7 | 11 618.6 | 1 |
| Rental payments: | | | | | | | | |
| Total | 61.6 | 12 | 90.5 | 3 | 7.1 | 11 | 164.7 | 2 |
| Buildings and other structures | 32.3 | 7 | 33.1 | 6 | 3.5 | 14 | 58.8 | 4 |
| Machinery and equipment | 29.3 | 20 | 57.4 | 3 | 3.6 | 12 | 105.8 | 1 |
| Depreciation charges during 1982: | | | | | | | | |
| Total | 160.5 | 2 | 932.2 | 1 | 38.9 | 4 | 995.9 | 1 |
| Buildings and other structures | 26.0 | 3 | 123.1 | 2 | 6.5 | 6 | 158.9 | 1 |
| Machinery and equipment | 134.5 | 2 | 809.1 | 1 | 32.5 | 5 | 837.0 | 2 |

See footnotes at end of table.

Table 2b. Supplemental State Statistics Based on Sample Estimates: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Item | Texas | | Utah | | Vermont | | Virginia | |
|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | | | |
| Total | 4 111.1 | 1 | 348.0 | 1 | 210.2 | 1 | 1 396.9 | 1 |
| Legal costs | 1 608.0 | 1 | 127.5 | 1 | 75.9 | 1 | 548.4 | 1 |
| Voluntary costs | 2 503.1 | 1 | 220.6 | 2 | 134.3 | 2 | 848.5 | 1 |
| Purchased services: | | | | | | | | |
| Cost of purchased services for the repair of— | | | | | | | | |
| Buildings and other structures | 271.7 | 3 | 19.4 | 2 | 16.3 | 4 | 52.0 | 2 |
| Response coverage ratio (percent) ² | 74 | (X) | 76 | (X) | 76 | (X) | 75 | (X) |
| Machinery | 1 102.7 | 1 | 67.4 | 23 | 16.2 | 8 | 223.6 | 2 |
| Response coverage ratio (percent) ² | 76 | (X) | 82 | (X) | 79 | (X) | 77 | (X) |
| Cost of purchased communication services | 236.5 | 1 | 19.6 | 7 | 12.1 | 5 | 331.0 | 1 |
| Response coverage ratio (percent) ² | 76 | (X) | 75 | (X) | 75 | (X) | 79 | (X) |
| Electric energy used for heat and power: | | | | | | | | |
| Purchased: | | | | | | | | |
| Quantity (million kWh) | 55 096.1 | 1 | 2 759.0 | 1 | 916.1 | 1 | 10 809.3 | 1 |
| Cost | 2 467.5 | (X) | 110.8 | (X) | 48.5 | (X) | 466.1 | (X) |
| Generated less sold (million kWh) | 6 918.1 | (X) | (D) | (X) | 55.4 | (X) | 2 102.8 | (X) |
| Gross book value of depreciable assets³: | | | | | | | | |
| Total: | | | | | | | | |
| Beginning of year | 58 533.4 | 1 | 2 896.7 | 2 | 1 647.7 | 1 | 13 231.1 | 1 |
| New capital expenditures | 7 846.1 | 1 | 326.8 | 6 | 264.8 | 3 | 1 429.2 | 1 |
| Used capital expenditures | 324.5 | 5 | 11.8 | 18 | 9.8 | 12 | 70.3 | 6 |
| Retirements | 2 086.8 | 3 | 71.8 | 6 | 75.7 | 12 | 474.1 | 3 |
| End of year | 64 617.3 | 1 | 3 163.5 | 2 | 1 846.6 | 1 | 14 256.5 | 1 |
| Buildings and other structures: | | | | | | | | |
| Beginning of year | 11 479.2 | 1 | 620.3 | 4 | 430.7 | 7 | 3 665.3 | 1 |
| New capital expenditures | 1 551.0 | 1 | 72.0 | 7 | 51.8 | 12 | 349.4 | 1 |
| Used capital expenditures | 83.1 | 7 | 7 | 68 | 1.8 | 13 | 14.5 | 13 |
| Retirements | 364.8 | 3 | 18.1 | 6 | 7.7 | 8 | 88.9 | 5 |
| End of year | 12 748.5 | 1 | 674.9 | 3 | 476.6 | 8 | 3 940.3 | 1 |
| Machinery and equipment: | | | | | | | | |
| Beginning of year | 47 054.3 | 1 | 2 276.4 | 3 | 1 216.9 | 3 | 9 565.8 | 1 |
| New capital expenditures | 6 295.2 | 1 | 254.9 | 6 | 213.0 | 2 | 1 079.8 | 1 |
| Automobiles, trucks, etc., for highway use | 117.3 | 9 | 10.0 | 26 | 2.0 | 39 | 22.9 | 21 |
| Computers and peripheral data processing equipment | 175.9 | 3 | 13.9 | 55 | 16.1 | 1 | 39.9 | 14 |
| All other | 8 866.5 | 1 | 218.8 | 15 | 171.1 | 1 | 854.2 | 1 |
| New machinery and equipment, n.s.k. ⁴ | 1 135.6 | 4 | 12.2 | (S) | 23.9 | 19 | 162.7 | 5 |
| Used capital expenditures | 241.4 | 5 | 11.1 | 17 | 8.0 | 12 | 55.8 | 7 |
| Retirements | 1 722.0 | 4 | 53.7 | 7 | 68.0 | 14 | 385.2 | 3 |
| End of year | 51 868.9 | 1 | 2 488.7 | 3 | 1 369.9 | 2 | 10 316.2 | 1 |
| Rental payments: | | | | | | | | |
| Total | 651.2 | 2 | 60.2 | 8 | 20.3 | 8 | 160.8 | 2 |
| Buildings and other structures | 264.3 | 5 | 21.6 | 8 | 10.6 | 9 | 61.1 | 6 |
| Machinery and equipment | 386.9 | 2 | 38.6 | 11 | 9.7 | 16 | 99.7 | 2 |
| Depreciation charges during 1982: | | | | | | | | |
| Total | 3 986.6 | 1 | 206.4 | 3 | 156.0 | 1 | 873.4 | 1 |
| Buildings and other structures | 553.9 | 2 | 31.6 | 4 | 18.4 | 14 | 150.0 | 3 |
| Machinery and equipment | 3 432.7 | 1 | 174.8 | 3 | 137.6 | 2 | 723.3 | 1 |
| Item | Washington | | West Virginia | | Wisconsin | | Wyoming | |
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Supplemental labor costs: | | | | | | | | |
| Total | 1 493.4 | 1 | 535.4 | 1 | 2 313.4 | 1 | 32.8 | 4 |
| Legal costs | 595.5 | 1 | 181.6 | 1 | 811.9 | 1 | 15.1 | 2 |
| Voluntary costs | 897.8 | 1 | 353.7 | 1 | 501.4 | 1 | 17.7 | 7 |
| Purchased services: | | | | | | | | |
| Cost of purchased services for the repair of— | | | | | | | | |
| Buildings and other structures | 49.5 | 3 | 18.1 | 1 | 66.1 | 2 | 5.6 | 3 |
| Response coverage ratio (percent) ² | 77 | (X) | 61 | (X) | 61 | (X) | 74 | (X) |
| Machinery | 154.3 | 3 | 53.6 | 14 | 304.1 | 2 | 13.1 | 21 |
| Response coverage ratio (percent) ² | 80 | (X) | 64 | (X) | 81 | (X) | 80 | (X) |
| Cost of purchased communication services | 71.1 | 6 | 12.7 | 6 | 135.7 | 2 | 2.1 | 23 |
| Response coverage ratio (percent) ² | 79 | (X) | 67 | (X) | 81 | (X) | 83 | (X) |
| Electric energy used for heat and power: | | | | | | | | |
| Purchased: | | | | | | | | |
| Quantity (million kWh) | 30 935.3 | 1 | 5 879.6 | 1 | 12 453.9 | 1 | 1 434.0 | 1 |
| Cost | 583.1 | (X) | 211.2 | (X) | 558.3 | (X) | 12.9 | (X) |
| Generated less sold (million kWh) | (S) | (X) | (S) | (X) | 1 757.9 | (X) | 37.1 | (X) |
| Gross book value of depreciable assets³: | | | | | | | | |
| Total: | | | | | | | | |
| Beginning of year | 12 156.1 | 1 | 6 316.8 | 1 | 14 980.3 | 1 | 647.1 | 8 |
| New capital expenditures | 1 009.6 | 2 | 288.4 | 5 | 1 572.4 | 3 | 56.8 | 22 |
| Used capital expenditures | 61.9 | 15 | 34.0 | 37 | 113.8 | 19 | 2.6 | 42 |
| Retirements | 319.3 | 6 | 318.1 | 3 | 515.2 | 3 | 97.2 | 33 |
| End of year | 12 908.3 | 1 | 6 321.1 | 1 | 16 151.3 | 1 | 609.3 | 8 |
| Buildings and other structures: | | | | | | | | |
| Beginning of year | 3 343.3 | 1 | 931.8 | 1 | 3 901.2 | 1 | 138.0 | 14 |
| New capital expenditures | 191.0 | 2 | 49.5 | 8 | 248.9 | 7 | 3.0 | 21 |
| Used capital expenditures | 20.6 | 22 | 8.4 | 24 | 28.7 | 25 | 1 | 31 |
| Retirements | 54.3 | 10 | 31.0 | 6 | 81.3 | 4 | 25.1 | 31 |
| End of year | 3 500.6 | 1 | 958.7 | 1 | 4 097.5 | 1 | 116.0 | 15 |

See footnotes at end of table.

Table 2b. Supplemental State Statistics Based on Sample Estimates: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Item | Washington | | West Virginia | | Wisconsin | | Wyoming | |
|---|--------------------------------|--|--------------------------------|--|--------------------------------|--|--------------------------------|--|
| | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) | Amount (million dollars) | Relative standard error of estimate ¹ (percent) |
| Gross book value of depreciable assets ³ —Con. | | | | | | | | |
| Machinery and equipment: | | | | | | | | |
| Beginning of year | 8 812.8 | 1 | 5 385.0 | 1 | 11 079.1 | 1 | 509.1 | 8 |
| New capital expenditures | 818.6 | 2 | 338.8 | 6 | 1 323.6 | 3 | 53.8 | 23 |
| Automobiles, trucks, etc., for highway use | 20.0 | 9 | 5.3 | 24 | 49.9 | 7 | .5 | 43 |
| Computers and peripheral data processing equipment | 28.1 | 3 | 4.8 | 8 | 51.8 | 6 | .2 | 10 |
| All other | 605.3 | 3 | 176.5 | 3 | 1 110.2 | 3 | 12.0 | 17 |
| New machinery and equipment, n.s.k. ⁴ | 165.2 | 9 | 152.1 | 13 | 111.8 | 13 | 41.0 | 30 |
| Used capital expenditures | 41.3 | 18 | 25.6 | 49 | 85.1 | 17 | 2.5 | 43 |
| Retirements | 264.9 | 6 | 287.1 | 3 | 433.9 | 4 | 72.1 | 36 |
| End of year | 9 407.8 | 1 | 5 462.3 | 1 | 12 053.9 | 1 | 493.3 | 8 |
| Rental payments: | | | | | | | | |
| Total | 174.3 | 7 | 41.2 | 15 | 252.9 | 2 | 5.1 | 26 |
| Buildings and other structures | 97.1 | 9 | 10.8 | 14 | 91.5 | 4 | .7 | 33 |
| Machinery and equipment | 77.2 | 11 | 30.4 | 16 | 161.5 | 3 | 4.4 | 29 |
| Depreciation charges during 1982: | | | | | | | | |
| Total | 901.2 | 9 | 366.3 | 1 | 1 061.1 | 1 | 38.6 | 11 |
| Buildings and other structures | 240.8 | 34 | 45.7 | 4 | 175.0 | 2 | 6.0 | 12 |
| Machinery and equipment | 660.4 | 2 | 320.5 | 1 | 886.1 | 1 | 32.6 | 12 |

Note: Data for total new capital expenditures, new building expenditures, new machinery expenditures, and total used expenditures are also shown in table 2a. Data in table 2a are census universe totals and may differ from annual survey of manufactures (ASM) sample estimates shown in this table. Data in this table represent best estimates of year-to-year change as measured by the continuing ASM sample. However, they are subject to sampling error and, hence, as estimates of level, are not as reliable as universe figures shown in table 2a.

¹For description of relative standard error of estimate, see Qualifications of the Data in appendixes.

²Measure of extent to which respondents reported each item. Derived for each item by calculating the ratio of weighted employment for those sample establishments that reported the specific inquiry to weighted total employment for all sample establishments classified in industry. (See appendixes for explanation of sample weight.)

³The 1982 data for new capital expenditures, retirements, and end-of-year assets included in table 3b of the final geographic area series for the 1982 Census of Manufactures were understated due to a processing error. This table shows the revised figures. The understatement varied by State. At the total manufacturing level, it was 3.0 percent for new capital expenditures, 2.4 percent for retirements, and .2 percent for year-of-end assets.

⁴Represents total machinery and equipment expenditures for establishments that did not break down their expenditures by specific type.

Table 3. Selected Statistics for All Manufacturing Establishments by State and Standard Metropolitan Statistical Area: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Geographic area | All establishments ^{1 2} | | All employees ¹ | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) |
|--|-----------------------------------|---|----------------------------|---------------------------------|--------------------|---------------------|-------------------------------|--|---|--|---|
| | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| Alabama | 5 528 | 1 968 | 329.6 | 5 234.4 | 253.6 | 479.8 | 3 598.3 | 12 045.7 | 17 535.5 | 29 794.3 | 1 540.2 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Anniston, Ala. | 133 | 64 | 9.9 | 134.7 | 7.9 | 15.2 | 96.5 | 270.8 | 304.4 | 581.2 | 24.3 |
| Birmingham, Ala. | 1 053 | 409 | 52.0 | 921.3 | 35.6 | 67.4 | 565.6 | 1 899.6 | 2 506.3 | 4 498.9 | 184.0 |
| Columbus, Ga.-Ala. | 202 | 92 | 20.3 | 289.3 | 15.1 | 28.0 | 188.4 | 737.0 | 867.5 | 1 614.4 | 83.3 |
| Portion in Alabama | 45 | 16 | 2.6 | 40.5 | 2.3 | 4.3 | 31.2 | 150.1 | 216.2 | 367.1 | 15.6 |
| Portion in Georgia | 157 | 76 | 17.6 | 248.8 | 12.9 | 23.7 | 157.2 | 587.0 | 651.3 | 1 247.2 | 67.7 |
| Florence, Ala. | 188 | 76 | 11.8 | 244.3 | 9.5 | 18.0 | 182.0 | 433.5 | 1 240.9 | 1 679.5 | 30.0 |
| Gadsden, Ala. | 100 | 33 | 10.7 | 231.3 | 8.3 | 14.7 | 172.3 | 527.6 | 559.1 | 1 099.4 | (D) |
| Huntsville, Ala. | 392 | 161 | 36.5 | 621.2 | 26.8 | 51.3 | 403.3 | 1 505.5 | 1 594.1 | 3 058.7 | 169.9 |
| Mobile, Ala. | 509 | 160 | 28.1 | 545.3 | 21.0 | 41.3 | 376.5 | 1 517.0 | 2 397.2 | 3 914.6 | 187.1 |
| Montgomery, Ala. | 310 | 112 | 15.3 | 231.9 | 10.9 | 21.5 | 147.9 | 502.8 | 709.8 | 1 224.3 | 29.9 |
| Tuscaloosa, Ala. | 128 | 46 | 7.1 | 130.7 | 5.4 | 9.9 | 88.7 | 343.7 | 777.9 | 1 165.0 | 70.9 |
| Alaska | 445 | 144 | 12.8 | 269.5 | 10.0 | 18.3 | 196.6 | 769.2 | 1 805.8 | 2 579.9 | 58.5 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Anchorage, Alaska | 149 | 37 | 2.8 | 58.2 | 1.8 | 3.5 | 32.6 | 121.4 | 127.0 | 253.1 | 13.2 |
| Arizona | 3 407 | 854 | 149.8 | 3 036.9 | 86.7 | 165.2 | 1 423.4 | 6 162.4 | 6 726.3 | 12 907.2 | 765.2 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Phoenix, Ariz. | 2 352 | 606 | 108.0 | 2 210.0 | 63.7 | 121.1 | 1 058.4 | 4 513.0 | 3 560.8 | 8 155.2 | 462.1 |
| Tucson, Ariz. | 534 | 121 | 26.4 | 551.2 | 12.1 | 22.8 | 178.3 | 1 062.4 | 1 658.3 | 2 613.1 | 144.8 |

See footnotes at end of table.

Table 3. Selected Statistics for All Manufacturing Establishments by State and Standard Metropolitan Statistical Area: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Geographic area | All establishments ^{1 2} | | All employees ¹ | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) |
|---|-----------------------------------|---|----------------------------|---------------------------------|--------------------|---------------------|-------------------------------|--|---|--|---|
| | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| Arkansas | 3 313 | 1 161 | 189.8 | 2 823.7 | 148.8 | 279.1 | 1 931.7 | 7 755.3 | 12 002.1 | 19 746.5 | 701.2 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Fayetteville-Springdale, Ark. | 269 | 111 | 17.9 | 242.0 | 13.5 | 25.4 | 156.0 | 642.8 | 982.0 | 1 631.3 | 39.1 |
| Fort Smith, Ark.-Okla. | 335 | 134 | 19.7 | 300.8 | 15.3 | 29.2 | 203.2 | 828.6 | 1 177.4 | 2 022.8 | 104.4 |
| Portion in Arkansas | 269 | 121 | 18.4 | 284.1 | 14.3 | 27.3 | 190.6 | 782.9 | 1 118.8 | 1 916.5 | 102.8 |
| Portion in Oklahoma | 66 | 13 | 1.3 | 16.7 | 1.0 | 1.9 | 12.6 | 45.7 | 58.6 | 106.3 | 1.6 |
| Little Rock-North Little Rock, Ark. | 461 | 178 | 27.0 | 478.2 | 18.9 | 35.4 | 292.2 | 1 102.3 | 1 493.4 | 2 599.7 | 78.4 |
| Memphis, Tenn.-Ark.-Miss. | 1 096 | 474 | 60.5 | 1 100.8 | 40.2 | 77.9 | 619.1 | 3 007.9 | 4 558.3 | 7 625.3 | 235.1 |
| Portion in Arkansas | 46 | 23 | 1.8 | 24.7 | 1.4 | 2.8 | 16.4 | 47.4 | 120.3 | 167.0 | 3.6 |
| Portion in Mississippi | 72 | 39 | 4.4 | 69.8 | 3.0 | 6.0 | 41.1 | 198.3 | 221.8 | 421.4 | 15.7 |
| Portion in Tennessee | 978 | 412 | 54.3 | 1 006.4 | 35.9 | 69.1 | 561.5 | 2 762.1 | 4 216.3 | 7 037.0 | 215.8 |
| Pine Bluff, Ark. | 88 | 37 | 5.6 | 109.6 | 4.3 | 8.3 | 82.1 | 388.8 | 573.9 | 959.0 | 49.4 |
| Texarkana, Tex.-Texarkana, Ark. | 127 | 43 | 8.4 | 178.1 | 6.2 | 11.4 | 119.9 | 464.7 | 582.4 | 1 025.5 | 44.3 |
| Portion in Arkansas | 44 | 11 | 3.9 | 98.5 | 3.0 | 6.1 | 73.6 | 328.6 | 328.6 | 571.2 | 29.2 |
| Portion in Texas | 83 | 32 | 4.4 | 79.6 | 3.2 | 5.4 | 46.3 | 207.5 | 253.8 | 454.3 | 15.2 |
| California | 47 625 | 14 467 | 2 004.8 | 42 630.0 | 1 209.3 | 2 317.6 | 20 560.6 | 94 388.4 | 105 569.9 | 199 695.4 | 8 439.4 |
| STANDARD CONSOLIDATED STATISTICAL AREAS | | | | | | | | | | | |
| Los Angeles-Long Beach-Anaheim, Calif. | 28 453 | 9 221 | 1 187.6 | 24 493.5 | 751.6 | 1 443.3 | 12 462.0 | 54 181.9 | 57 896.8 | 112 158.6 | 4 272.3 |
| San Francisco-Oakland-San Jose, Calif. | 10 177 | 2 965 | 499.0 | 11 980.1 | 244.7 | 468.8 | 4 580.9 | 25 751.6 | 28 205.1 | 53 730.9 | 2 876.1 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Anaheim-Santa Ana-Garden Grove, Calif. | 5 433 | 1 597 | 232.4 | 4 836.4 | 137.1 | 266.3 | 2 295.3 | 10 156.4 | 8 395.1 | 18 554.3 | 784.4 |
| Bakersfield, Calif. | 348 | 86 | 8.4 | 173.1 | 5.8 | 11.5 | 106.0 | 608.2 | 1 690.7 | 2 275.0 | 57.0 |
| Chico, Calif. | 186 | 45 | 4.4 | 67.6 | 3.4 | 6.4 | 49.1 | 164.0 | 237.5 | 406.5 | 9.9 |
| Fresno, Calif. | 686 | 183 | 21.2 | 364.2 | 15.2 | 28.5 | 229.9 | 909.2 | 1 805.1 | 2 710.2 | 85.0 |
| Los Angeles-Long Beach, Calif. | 20 474 | 6 886 | 866.1 | 17 897.8 | 554.1 | 1 061.7 | 9 137.9 | 40 287.7 | 45 488.3 | 85 790.5 | 3 106.4 |
| Modesto, Calif. | 348 | 123 | 21.9 | 414.3 | 16.5 | 31.0 | 279.0 | 1 153.1 | 2 218.6 | 3 369.3 | 108.6 |
| Oxnard-Simi Valley-Ventura, Calif. | 631 | 170 | 26.9 | 540.4 | 15.8 | 30.8 | 259.7 | 1 232.3 | 1 030.7 | 2 265.3 | 143.9 |
| Redding, Calif. | 204 | 36 | 4.3 | 89.2 | 3.2 | 6.3 | 64.9 | 176.2 | 298.0 | 469.7 | 18.7 |
| Riverside-San Bernardino-Ontario, Calif. | 1 915 | 568 | 62.2 | 1 218.9 | 44.6 | 84.6 | 769.1 | 2 505.4 | 2 982.7 | 5 548.5 | 237.6 |
| Sacramento, Calif. | 1 052 | 241 | 30.4 | 613.6 | 18.7 | 35.6 | 325.2 | 1 486.7 | 2 130.4 | 3 637.0 | 138.9 |
| Salinas-Seaside-Monterey, Calif. | 237 | 57 | 8.4 | 144.9 | 5.9 | 11.1 | 88.1 | 470.0 | 546.8 | 988.0 | 43.5 |
| San Diego, Calif. | 2 522 | 635 | 111.5 | 2 332.8 | 68.0 | 130.5 | 1 152.8 | 4 878.7 | 3 519.2 | 8 207.8 | 448.2 |
| San Francisco-Oakland, Calif. | 5 978 | 1 620 | 197.9 | 4 536.4 | 107.5 | 204.7 | 2 044.9 | 9 522.4 | 15 233.0 | 24 848.5 | 1 077.1 |
| San Jose, Calif. | 3 326 | 1 114 | 276.5 | 6 938.7 | 120.5 | 232.2 | 2 236.0 | 14 808.8 | 10 362.0 | 24 850.1 | 1 721.9 |
| Santa Barbara-Santa Maria-Lompoc, Calif. | 489 | 124 | 19.7 | 404.8 | 8.9 | 16.3 | 123.4 | 714.6 | 549.6 | 1 302.8 | 56.5 |
| Santa Cruz, Calif. | 349 | 78 | 11.3 | 176.9 | 8.4 | 15.5 | 118.0 | 563.1 | 466.9 | 998.6 | 49.6 |
| Santa Rosa, Calif. | 518 | 128 | 14.2 | 273.9 | 9.6 | 18.2 | 156.1 | 621.3 | 560.8 | 1 181.4 | 35.7 |
| Stockton, Calif. | 465 | 157 | 19.5 | 388.6 | 14.7 | 27.8 | 273.1 | 1 045.7 | 1 592.0 | 2 645.7 | 72.4 |
| Vallejo-Fairfield-Napa, Calif. | 355 | 103 | 10.5 | 231.1 | 7.1 | 13.6 | 143.9 | 799.0 | 2 049.3 | 2 850.9 | 41.4 |
| Visalia-Tulare-Porterville, Calif. | 281 | 97 | 10.8 | 170.9 | 8.2 | 15.5 | 120.4 | 517.3 | 801.0 | 1 326.3 | 28.7 |
| Yuba City, Calif. | 113 | 28 | 3.2 | 56.0 | 2.6 | 4.5 | 39.6 | 133.8 | 228.9 | 364.5 | 7.7 |
| Colorado | 4 406 | 1 167 | 191.4 | 3 983.2 | 109.8 | 207.5 | 1 876.7 | 8 056.8 | 9 958.6 | 17 963.1 | 892.2 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Colorado Springs, Colo. | 384 | 100 | 18.5 | 344.0 | 10.9 | 20.8 | 166.6 | 696.6 | 654.6 | 1 339.2 | 99.4 |
| Denver-Boulder, Colo. | 2 841 | 817 | 135.0 | 2 931.1 | 73.7 | 141.3 | 1 310.8 | 5 749.0 | 6 572.0 | 12 257.0 | 523.1 |
| Fort Collins, Colo. | 259 | 64 | 12.7 | 230.6 | 7.5 | 12.4 | 92.1 | 535.9 | 371.7 | 918.1 | 53.6 |
| Greeley, Colo. | 132 | 31 | 6.8 | 141.3 | 4.3 | 7.8 | 73.8 | 497.2 | 956.3 | 1 464.1 | (D) |
| Pueblo, Colo. | 86 | 21 | 5.7 | 154.9 | 3.8 | 7.3 | 111.9 | 226.8 | 266.2 | 505.8 | (D) |
| Connecticut | 6 693 | 2 537 | 424.4 | 9 059.6 | 245.0 | 478.8 | 4 095.0 | 16 373.4 | 13 697.3 | 30 066.5 | 1 054.2 |
| STANDARD CONSOLIDATED STATISTICAL AREAS | | | | | | | | | | | |
| New York-Newark-Jersey City, N.Y.-N.J.-Conn. | 37 114 | 12 537 | 1 436.0 | 29 115.6 | 813.4 | 1 569.7 | 12 007.4 | 57 441.5 | 59 100.9 | 116 626.0 | 2 794.0 |
| Portion in Connecticut | 809 | 320 | 57.4 | 1 412.7 | 19.5 | 39.0 | 323.8 | 2 100.1 | 1 234.9 | 3 317.8 | 127.0 |
| Portion in New Jersey | 11 892 | 4 610 | 595.1 | 12 659.2 | 336.0 | 644.4 | 5 412.5 | 24 638.6 | 29 184.9 | 54 075.5 | 1 484.2 |
| Portion in New York | 24 413 | 7 607 | 783.5 | 15 043.7 | 457.9 | 886.3 | 6 271.2 | 30 702.8 | 28 681.1 | 59 232.6 | 1 182.8 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Bridgeport, Conn. | 954 | 349 | 60.8 | 1 366.9 | 37.5 | 72.5 | 690.1 | 2 437.7 | 2 271.3 | 4 712.5 | 141.8 |
| Bristol, Conn. | 174 | 68 | 9.1 | 174.4 | 6.3 | 11.6 | 109.6 | 326.4 | 172.8 | 510.2 | 20.8 |
| Danbury, Conn. | 349 | 146 | 23.8 | 563.1 | 12.2 | 25.4 | 199.5 | 1 054.9 | 768.0 | 1 805.3 | 71.8 |
| Hartford, Conn. | 1 361 | 514 | 94.9 | 2 131.7 | 52.9 | 103.7 | 912.6 | 3 689.8 | 3 525.3 | 7 170.0 | 257.9 |
| Meriden, Conn. | 116 | 49 | 4.7 | 86.6 | 2.8 | 5.4 | 40.4 | 140.4 | 120.7 | 260.8 | (D) |
| New Britain, Conn. | 447 | 160 | 27.1 | 540.3 | 18.4 | 35.7 | 315.7 | 984.4 | 703.9 | 1 760.2 | 62.5 |
| New Haven-West Haven, Conn. | 919 | 351 | 43.7 | 809.0 | 28.5 | 55.1 | 434.2 | 1 717.7 | 1 540.9 | 3 238.8 | 107.4 |
| New London-Norwich, Conn.-R.I. | 315 | 119 | 37.6 | 798.5 | 22.7 | 46.1 | 403.7 | 1 532.0 | 1 014.5 | 2 551.4 | 75.5 |
| Portion in Connecticut | 276 | 101 | 35.6 | 769.5 | 21.1 | 43.1 | 384.0 | 1 457.5 | 940.1 | 2 403.3 | 72.1 |
| Portion in Rhode Island | 39 | 18 | 2.1 | 29.0 | 1.6 | 3.0 | 19.7 | 74.5 | 74.4 | 148.1 | 3.4 |
| Norwalk, Conn. | 310 | 120 | 20.9 | 470.5 | 9.1 | 18.6 | 148.8 | 906.9 | 505.7 | 1 411.5 | 63.2 |
| Springfield-Chicopee-Holyoke, Mass.-Conn. | 1 051 | 409 | 58.2 | 1 034.1 | 40.1 | 77.7 | 608.9 | 2 069.2 | 2 329.6 | 4 428.2 | 131.2 |
| Portion in Massachusetts | 1 036 | 404 | 58.0 | 1 029.8 | 39.9 | 77.4 | 606.9 | 2 059.4 | 2 316.6 | 4 405.7 | 130.0 |

See footnotes at end of table.

Table 3. Selected Statistics for All Manufacturing Establishments by State and Standard Metropolitan Statistical Area: 1982—Con.

(For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.)

| Geographic area | All establishments ^{1 2} | | All employees ¹ | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) |
|---|-----------------------------------|---|----------------------------|---------------------------------|--------------------|---------------------|-------------------------------|--|---|--|---|
| | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| Connecticut—Con. | | | | | | | | | | | |
| STANDARD METROPOLITAN STATISTICAL AREAS—Con. | | | | | | | | | | | |
| Stamford, Conn. | 499 | 200 | 36.5 | 942.2 | 10.4 | 20.5 | 175.0 | 1 193.2 | 729.2 | 1 906.4 | 63.8 |
| Waterbury, Conn. | 595 | 219 | 31.0 | 553.2 | 20.6 | 38.9 | 286.2 | 1 099.7 | 1 105.0 | 2 195.5 | 84.9 |
| Delaware | 632 | 248 | 67.9 | 1 742.9 | 31.7 | 60.5 | 557.0 | 2 466.7 | 5 891.2 | 8 382.8 | 322.1 |
| STANDARD CONSOLIDATED STATISTICAL AREAS | | | | | | | | | | | |
| Philadelphia-Wilmington-Trenton, Pa.-Del.-N.J.-Md. | 8 459 | 3 258 | 497.0 | 10 758.8 | 291.2 | 558.4 | 5 043.2 | 20 547.5 | 31 937.0 | 52 891.8 | 1 434.2 |
| Portion in Delaware | 401 | 148 | 49.7 | 1 458.5 | 18.0 | 34.2 | 374.8 | 1 473.5 | 4 310.2 | 5 792.6 | 278.7 |
| Portion in Maryland | 53 | 24 | 3.9 | 69.5 | 2.7 | 5.3 | 42.8 | 119.0 | 162.7 | 295.5 | 6.9 |
| Portion in New Jersey | 2 042 | 755 | 105.8 | 2 216.8 | 66.9 | 127.6 | 1 201.3 | 4 477.0 | 6 748.1 | 11 269.1 | 338.6 |
| Portion in Pennsylvania | 5 963 | 2 331 | 337.5 | 7 014.0 | 203.6 | 391.2 | 3 424.4 | 14 478.0 | 20 716.0 | 35 534.7 | 810.0 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Wilmington, Del.-N.J.-Md. | 512 | 200 | 61.8 | 1 725.5 | 26.2 | 49.2 | 530.8 | 2 042.2 | 5 116.3 | 7 249.8 | 344.1 |
| Portion in Delaware | 401 | 148 | 49.7 | 1 458.5 | 18.0 | 34.2 | 374.8 | 1 473.5 | 4 310.2 | 5 792.6 | 278.7 |
| Portion in Maryland | 53 | 24 | 3.9 | 69.5 | 2.7 | 5.3 | 42.8 | 119.0 | 162.7 | 295.5 | 6.9 |
| Portion in New Jersey | 58 | 28 | 8.2 | 197.5 | 5.5 | 9.7 | 113.2 | 449.7 | 643.4 | 1 161.7 | 58.5 |
| District of Columbia | 514 | 127 | 16.7 | 393.7 | 6.4 | 12.0 | 125.3 | 928.6 | 606.4 | 1 537.1 | 55.1 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Washington, D.C.-Md.-Va. | 2 223 | 586 | 70.8 | 1 571.3 | 33.0 | 63.6 | 554.9 | 3 144.6 | 2 502.7 | 5 617.5 | 225.9 |
| Portion in District of Columbia | 514 | 127 | 16.7 | 393.7 | 6.4 | 12.0 | 125.3 | 928.6 | 606.4 | 1 537.1 | 55.1 |
| Portion in Maryland | 936 | 255 | 30.4 | 656.4 | 15.2 | 29.6 | 246.2 | 1 148.7 | 1 118.3 | 2 233.5 | 82.3 |
| Portion in Virginia | 773 | 204 | 23.7 | 521.2 | 11.4 | 22.0 | 183.4 | 1 067.3 | 778.1 | 1 846.9 | 88.6 |
| Florida | 13 723 | 3 599 | 454.4 | 7 773.2 | 292.2 | 566.6 | 3 955.8 | 18 111.8 | 20 610.8 | 38 683.3 | 1 960.6 |
| STANDARD CONSOLIDATED STATISTICAL AREAS | | | | | | | | | | | |
| Miami-Fort Lauderdale, Fla. | 5 023 | 1 321 | 138.6 | 2 091.5 | 93.7 | 179.4 | 1 105.7 | 4 422.7 | 3 833.2 | 8 272.1 | 346.7 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Bradenton, Fla. | 158 | 35 | 5.8 | 94.9 | 3.9 | 7.9 | 58.3 | 258.7 | 400.0 | 654.7 | 20.0 |
| Daytona Beach, Fla. | 311 | 62 | 9.2 | 153.1 | 5.6 | 11.2 | 73.4 | 344.6 | 252.3 | 599.2 | 24.0 |
| Fort Lauderdale-Hollywood, Fla. | 1 629 | 344 | 40.3 | 702.1 | 25.3 | 50.4 | 348.4 | 1 579.4 | 1 145.7 | 2 739.8 | 125.6 |
| Fort Myers-Cape Coral, Fla. | 249 | 46 | 4.0 | 53.9 | 2.7 | 5.0 | 29.5 | 127.1 | 127.2 | 254.7 | 9.4 |
| Fort Walton Beach, Fla. | 90 | 24 | 3.0 | 39.6 | 2.2 | 4.1 | 25.6 | 71.8 | 72.7 | 145.7 | 4.7 |
| Gainesville, Fla. | 119 | 28 | 4.1 | 70.9 | 2.6 | 5.2 | 36.4 | 159.5 | 131.8 | 289.2 | 18.5 |
| Jacksonville, Fla. | 851 | 270 | 32.6 | 595.8 | 22.2 | 43.3 | 363.1 | 1 713.6 | 2 530.3 | 4 242.1 | 188.9 |
| Lakeland-Winter Haven, Fla. | 413 | 163 | 19.5 | 337.6 | 14.0 | 29.2 | 215.8 | 943.2 | 2 153.8 | 3 115.7 | 205.9 |
| Melbourne-Titusville-Cocoa, Fla. | 338 | 75 | 22.9 | 483.9 | 11.9 | 22.9 | 198.4 | 911.6 | 513.2 | 1 408.7 | 73.4 |
| Miami, Fla. | 3 394 | 977 | 98.4 | 1 389.5 | 68.5 | 129.0 | 757.3 | 2 843.3 | 2 687.5 | 5 532.3 | 221.1 |
| Ocala, Fla. | 175 | 63 | 5.8 | 83.5 | 4.1 | 8.0 | 49.2 | 165.3 | 264.5 | 436.2 | 14.4 |
| Orlando, Fla. | 1 033 | 281 | 38.8 | 752.1 | 21.4 | 42.0 | 288.7 | 1 973.2 | 1 705.0 | 3 676.1 | 146.2 |
| Panama City, Fla. | 112 | 29 | 3.8 | 60.4 | 3.0 | 5.6 | 44.1 | 184.4 | 242.4 | 432.5 | 15.4 |
| Pensacola, Fla. | 221 | 46 | 11.9 | 250.6 | 7.8 | 15.0 | 144.2 | 565.0 | 798.8 | 1 360.0 | 202.8 |
| Sarasota, Fla. | 356 | 77 | 7.6 | 117.1 | 4.8 | 8.8 | 55.8 | 267.0 | 193.7 | 461.9 | 15.1 |
| Tallahassee, Fla. | 127 | 28 | 2.8 | 39.9 | 1.8 | 3.3 | 20.8 | 80.0 | 100.7 | 182.3 | (D) |
| Tampa-St. Petersburg, Fla. | 2 078 | 571 | 77.2 | 1 292.3 | 49.4 | 94.2 | 650.9 | 2 701.7 | 3 375.7 | 6 075.1 | 266.2 |
| West Palm Beach-Boca Raton, Fla. | 721 | 162 | 30.9 | 726.2 | 13.6 | 28.0 | 219.4 | 1 935.0 | 1 612.6 | 3 517.7 | 175.3 |
| Georgia | 8 534 | 3 148 | 503.0 | 7 905.7 | 369.4 | 705.0 | 4 863.9 | 19 191.8 | 29 101.3 | 48 056.0 | 1 921.7 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Albany, Ga. | 101 | 41 | 11.0 | 230.1 | 8.4 | 16.3 | 158.7 | 954.6 | 1 106.1 | 2 088.7 | 80.5 |
| Athens, Ga. | 173 | 74 | 14.1 | 181.0 | 11.0 | 19.2 | 119.4 | 442.8 | 566.9 | 1 003.4 | 29.9 |
| Atlanta, Ga. | 3 068 | 1 052 | 148.9 | 2 919.4 | 90.9 | 172.4 | 1 444.0 | 6 346.1 | 8 703.2 | 14 762.9 | 412.0 |
| Augusta, Ga.-S.C. | 277 | 131 | 34.5 | 671.3 | 22.7 | 44.9 | 368.9 | 2 014.5 | 1 576.4 | 3 593.0 | 258.2 |
| Portion in Georgia | 188 | 85 | 14.4 | 253.5 | 10.1 | 20.1 | 157.1 | 762.1 | 1 105.6 | 1 865.9 | 186.0 |
| Portion in South Carolina | 89 | 46 | 20.1 | 417.8 | 12.5 | 24.8 | 211.8 | 1 252.4 | 470.8 | 1 727.1 | 72.2 |
| Chattanooga, Tenn.-Ga. | 656 | 284 | 45.8 | 763.5 | 33.9 | 64.5 | 487.5 | 1 703.2 | 2 714.5 | 4 479.6 | 116.3 |
| Portion in Georgia | 137 | 59 | 8.0 | 108.4 | 6.4 | 12.8 | 73.4 | 301.5 | 738.6 | 1 041.7 | 17.6 |
| Portion in Tennessee | 519 | 225 | 37.8 | 655.0 | 27.4 | 51.8 | 414.2 | 1 401.7 | 1 975.9 | 3 438.0 | 98.7 |
| Columbus, Ga.-Ala. | 202 | 92 | 20.3 | 289.3 | 15.1 | 28.0 | 188.4 | 737.0 | 867.5 | 1 614.4 | 83.3 |
| Portion in Alabama | 45 | 16 | 2.6 | 40.5 | 2.3 | 4.3 | 31.2 | 150.1 | 216.2 | 367.1 | 15.6 |
| Portion in Georgia | 157 | 76 | 17.6 | 248.8 | 12.9 | 23.7 | 157.2 | 587.0 | 651.3 | 1 247.2 | 67.7 |
| Macon, Ga. | 252 | 92 | 15.5 | 289.3 | 11.3 | 21.3 | 191.1 | 1 196.8 | 1 012.4 | 2 201.4 | 121.8 |
| Savannah, Ga. | 257 | 82 | 15.4 | 312.7 | 10.1 | 22.0 | 187.4 | 775.3 | 1 747.1 | 2 514.0 | 158.3 |

See footnotes at end of table.

Table 3. Selected Statistics for All Manufacturing Establishments by State and Standard Metropolitan Statistical Area: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Geographic area | All establishments ^{1 2} | | All employees ¹ | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) |
|---|-----------------------------------|---|----------------------------|---------------------------------|--------------------|---------------------|-------------------------------|--|---|--|---|
| | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| Hawaii ----- | 966 | 237 | 23.6 | 360.3 | 16.0 | 29.9 | 217.5 | 1 119.6 | 2 357.5 | 3 443.0 | 89.4 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Honolulu, Hawaii ----- | 779 | 200 | 17.9 | 279.4 | 11.9 | 21.6 | 158.3 | 901.5 | 2 078.5 | 2 947.3 | 58.4 |
| Idaho ----- | 1 404 | 354 | 47.6 | 864.8 | 34.0 | 62.6 | 545.2 | 2 076.5 | 3 222.5 | 5 369.6 | 147.3 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Boise City, Idaho ----- | 279 | 65 | 9.2 | 198.2 | 5.0 | 10.0 | 88.9 | 377.2 | 499.6 | 876.5 | 19.1 |
| Illinois ----- | 18 618 | 7 102 | 1 068.7 | 22 680.9 | 669.6 | 1 256.4 | 11 931.4 | 47 704.6 | 64 144.8 | 112 928.8 | 3 372.3 |
| STANDARD CONSOLIDATED STATISTICAL AREAS | | | | | | | | | | | |
| Chicago-Gary-Kenosha, Ill.-Ind.-Wis. ----- | 14 509 | 5 578 | 834.0 | 18 269.1 | 516.3 | 971.5 | 9 582.7 | 36 093.6 | 48 681.2 | 85 561.3 | 2 665.9 |
| Portion in Illinois ----- | 13 905 | 5 356 | 744.2 | 15 838.8 | 451.4 | 856.6 | 7 883.2 | 32 254.1 | 37 586.3 | 70 357.5 | 1 989.9 |
| Portion in Indiana ----- | 458 | 178 | 75.6 | 2 059.0 | 54.8 | 95.8 | 1 445.4 | 3 238.0 | 9 762.1 | 13 263.7 | 590.1 |
| Portion in Wisconsin ----- | 146 | 44 | 14.2 | 371.3 | 10.1 | 19.2 | 254.1 | 601.4 | 1 332.8 | 1 940.1 | 85.9 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Bloomington-Normal, Ill. ----- | 106 | 37 | 6.4 | 107.8 | 3.3 | 6.0 | 55.5 | 273.5 | 340.6 | 629.0 | 18.5 |
| Champaign-Urbana-Rantoul, Ill. ----- | 143 | 49 | 7.3 | 134.6 | 4.9 | 9.0 | 86.9 | 453.9 | 997.7 | 1 451.9 | 20.7 |
| Chicago, Ill. ----- | 13 905 | 5 356 | 744.2 | 15 838.8 | 451.4 | 856.6 | 7 883.2 | 32 254.1 | 37 586.3 | 70 357.5 | 1 989.9 |
| Davenport-Rock Island-Moline, Iowa-Ill. ----- | 432 | 158 | 40.6 | 1 048.7 | 24.7 | 43.1 | 565.7 | 2 310.4 | 2 988.3 | 5 346.2 | 227.0 |
| Portion in Illinois ----- | 251 | 91 | 24.5 | 649.4 | 14.3 | 24.6 | 322.6 | 1 391.9 | 1 593.2 | 3 067.3 | 148.9 |
| Portion in Iowa ----- | 181 | 67 | 16.1 | 399.3 | 10.4 | 18.5 | 243.1 | 918.5 | 1 395.1 | 2 278.9 | 78.1 |
| Decatur, Ill. ----- | 140 | 51 | 15.8 | 376.2 | 10.3 | 18.5 | 221.3 | 814.0 | 1 649.5 | 2 495.8 | 81.9 |
| Kankakee, Ill. ----- | 110 | 40 | 8.1 | 163.1 | 4.8 | 9.3 | 95.4 | 488.1 | 592.9 | 1 105.1 | 44.2 |
| Peoria, Ill. ----- | 327 | 117 | 37.4 | 962.5 | 21.3 | 33.8 | 441.9 | 1 743.0 | 2 015.3 | 3 805.1 | 204.0 |
| Rockford, Ill. ----- | 726 | 270 | 46.3 | 969.6 | 29.6 | 54.3 | 542.9 | 1 948.3 | 2 225.7 | 4 199.4 | 105.4 |
| St. Louis, Mo.-Ill. ----- | 3 268 | 1 195 | 218.2 | 5 005.2 | 125.5 | 239.4 | 2 407.3 | 11 062.3 | 16 099.8 | 26 131.9 | 943.8 |
| Portion in Illinois ----- | 432 | 140 | 30.2 | 686.8 | 21.9 | 41.2 | 447.1 | 1 445.2 | 5 577.0 | 7 149.0 | 162.1 |
| Portion in Missouri ----- | 2 836 | 1 055 | 188.0 | 4 318.3 | 103.6 | 198.2 | 1 960.2 | 9 617.0 | 10 522.8 | 18 983.0 | 781.6 |
| Springfield, Ill. ----- | 129 | 37 | 6.1 | 125.0 | 3.8 | 7.3 | 71.4 | 301.2 | 407.3 | 709.9 | 23.6 |
| Indiana ----- | 7 960 | 3 184 | 585.1 | 12 559.3 | 406.0 | 759.1 | 7 821.4 | 25 747.0 | 36 762.3 | 63 331.9 | 2 232.7 |
| STANDARD CONSOLIDATED STATISTICAL AREAS | | | | | | | | | | | |
| Chicago-Gary-Kenosha, Ill.-Ind.-Wis. ----- | 14 509 | 5 578 | 834.0 | 18 269.1 | 516.3 | 971.5 | 9 582.7 | 36 093.6 | 48 681.2 | 85 561.3 | 2 665.9 |
| Portion in Illinois ----- | 13 905 | 5 356 | 744.2 | 15 838.8 | 451.4 | 856.6 | 7 883.2 | 32 254.1 | 37 586.3 | 70 357.5 | 1 989.9 |
| Portion in Indiana ----- | 458 | 178 | 75.6 | 2 059.0 | 54.8 | 95.8 | 1 445.4 | 3 238.0 | 9 762.1 | 13 263.7 | 590.1 |
| Portion in Wisconsin ----- | 146 | 44 | 14.2 | 371.3 | 10.1 | 19.2 | 254.1 | 601.4 | 1 332.8 | 1 940.1 | 85.9 |
| Cincinnati-Hamilton, Ohio-Ky.-Ind. ----- | 2 328 | 929 | 175.2 | 4 037.6 | 99.6 | 192.6 | 1 975.9 | 8 577.2 | 9 582.7 | 18 365.3 | 642.3 |
| Portion in Indiana ----- | 29 | 14 | 2.9 | 68.1 | 2.3 | 4.7 | 49.2 | 180.1 | 147.9 | 327.1 | 7.2 |
| Portion in Kentucky ----- | 234 | 91 | 11.3 | 205.7 | 7.1 | 13.6 | 116.1 | 404.7 | 459.4 | 871.4 | 27.7 |
| Portion in Ohio ----- | 2 065 | 824 | 161.0 | 3 763.8 | 90.2 | 174.4 | 1 810.6 | 7 992.4 | 8 975.3 | 17 166.7 | 607.4 |
| Indianapolis-Anderson, Ind. ----- | 1 791 | 626 | 129.2 | 3 001.2 | 81.5 | 153.8 | 1 672.2 | 5 882.4 | 6 106.7 | 12 113.3 | 389.9 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Anderson, Ind. ----- | 128 | 43 | 16.6 | 430.7 | 12.0 | 22.9 | 293.8 | 845.9 | 660.9 | 1 526.0 | 45.4 |
| Bloomington, Ind. ----- | 99 | 30 | 7.9 | 137.7 | 6.5 | 11.5 | 104.4 | 536.8 | 642.2 | 1 174.3 | 13.8 |
| Cincinnati, Ohio-Ky.-Ind. ----- | 2 078 | 829 | 149.8 | 3 379.9 | 83.1 | 160.8 | 1 568.9 | 7 510.3 | 8 248.7 | 15 895.3 | 438.9 |
| Portion in Indiana ----- | 29 | 14 | 2.9 | 68.1 | 2.3 | 4.7 | 49.2 | 180.1 | 147.9 | 327.1 | 7.2 |
| Portion in Kentucky ----- | 234 | 91 | 11.3 | 205.7 | 7.1 | 13.6 | 116.1 | 404.7 | 459.4 | 871.4 | 27.7 |
| Portion in Ohio ----- | 1 815 | 724 | 135.6 | 3 106.1 | 73.7 | 142.5 | 1 403.6 | 6 925.5 | 7 641.4 | 14 696.7 | 404.1 |
| Elkhart, Ind. ----- | 727 | 326 | 34.6 | 624.5 | 24.7 | 45.9 | 370.9 | 1 393.9 | 1 639.3 | 3 046.1 | 86.8 |
| Evansville, Ind.-Ky. ----- | 400 | 158 | 34.9 | 762.6 | 23.6 | 45.5 | 472.8 | 1 936.9 | 3 230.3 | 5 183.0 | 216.6 |
| Portion in Indiana ----- | 341 | 132 | 30.8 | 684.0 | 20.7 | 40.2 | 420.4 | 1 774.9 | 2 940.5 | 4 724.6 | 194.3 |
| Portion in Kentucky ----- | 59 | 26 | 4.1 | 78.6 | 2.9 | 5.2 | 52.4 | 162.0 | 289.8 | 458.4 | 22.2 |
| Fort Wayne, Ind. ----- | 658 | 281 | 47.7 | 983.8 | 30.9 | 57.6 | 535.4 | 1 948.6 | 3 032.7 | 5 028.5 | 101.3 |
| Gary-Hammond-East Chicago, Ind. ----- | 458 | 178 | 75.6 | 2 059.0 | 54.8 | 95.8 | 1 445.4 | 3 238.0 | 9 762.1 | 13 263.7 | 590.1 |
| Indianapolis, Ind. ----- | 1 663 | 583 | 112.6 | 2 570.5 | 69.6 | 130.9 | 1 378.4 | 5 036.4 | 5 445.8 | 10 587.3 | 344.5 |
| Kokomo, Ind. ----- | 97 | 29 | 17.6 | 455.4 | 12.2 | 23.1 | 300.0 | 718.5 | 829.9 | 1 640.7 | 77.8 |
| Lafayette-West Lafayette, Ind. ----- | 97 | 48 | 10.3 | 229.0 | 6.4 | 12.0 | 129.4 | 633.5 | 712.3 | 1 370.5 | 146.5 |
| Louisville, Ky.-Ind. ----- | 1 112 | 465 | 89.3 | 1 923.6 | 59.5 | 109.0 | 1 158.5 | 5 279.5 | 6 862.3 | 12 183.5 | 308.3 |
| Portion in Indiana ----- | 184 | 74 | 10.3 | 192.0 | 7.5 | 14.2 | 124.1 | 664.9 | 533.1 | 1 213.5 | 24.0 |
| Portion in Kentucky ----- | 928 | 391 | 79.0 | 1 731.5 | 52.0 | 94.8 | 1 034.4 | 4 614.6 | 6 329.2 | 10 970.0 | 284.2 |
| Muncie, Ind. ----- | 167 | 66 | 10.4 | 245.6 | 7.2 | 13.8 | 159.1 | 468.7 | 420.2 | 921.9 | 50.7 |
| South Bend, Ind. ----- | 563 | 220 | 28.5 | 585.8 | 19.6 | 37.5 | 362.9 | 1 179.4 | 1 619.5 | 2 786.1 | 63.9 |
| Terre Haute, Ind. ----- | 198 | 71 | 13.0 | 255.0 | 9.1 | 17.2 | 163.9 | 817.2 | 903.5 | 1 729.7 | 104.0 |

See footnotes at end of table.

Table 3. Selected Statistics for All Manufacturing Establishments by State and Standard Metropolitan Statistical Area: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Geographic area | All establishments ^{1 2} | | All employees ¹ | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) |
|--|-----------------------------------|------------------------------------|----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|
| | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| Iowa..... | 3 598 | 1 223 | 212.8 | 4 403.2 | 140.0 | 259.2 | 2 648.8 | 12 077.9 | 19 369.6 | 31 397.0 | 688.6 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Cedar Rapids, Iowa..... | 214 | 77 | 25.4 | 561.1 | 13.4 | 24.9 | 262.3 | 1 582.5 | 1 757.5 | 3 397.3 | 80.0 |
| Davenport-Rock Island-Moline, Iowa-Ill. | 432 | 158 | 40.6 | 1 048.7 | 24.7 | 43.1 | 565.7 | 2 310.4 | 2 988.3 | 5 346.2 | 227.0 |
| Portion in Illinois..... | 251 | 91 | 24.5 | 649.4 | 14.3 | 24.6 | 322.6 | 1 391.9 | 1 533.2 | 3 067.3 | 148.9 |
| Portion in Iowa..... | 181 | 67 | 16.1 | 399.3 | 10.4 | 18.5 | 243.1 | 918.5 | 1 395.1 | 2 278.9 | 78.1 |
| Des Moines, Iowa..... | 441 | 130 | 22.2 | 477.2 | 12.8 | 24.0 | 256.8 | 1 160.6 | 1 908.8 | 3 093.3 | 64.2 |
| Dubuque, Iowa..... | 131 | 51 | 11.9 | 278.8 | 7.4 | 13.2 | 161.6 | 632.2 | 876.4 | 1 393.9 | 23.0 |
| Iowa City, Iowa..... | 71 | 22 | 3.3 | 62.3 | 2.2 | 3.8 | 38.9 | 451.0 | 309.1 | 763.6 | 17.1 |
| Omaha, Nebr.-Iowa..... | 673 | 252 | 34.2 | 668.3 | 23.6 | 44.9 | 400.0 | 1 762.9 | 3 725.1 | 5 508.3 | 76.6 |
| Portion in Iowa..... | 75 | 28 | 3.5 | 53.8 | 2.8 | 5.4 | 37.0 | 122.4 | 601.8 | 722.3 | 6.0 |
| Portion in Nebraska..... | 598 | 224 | 30.6 | 614.5 | 20.8 | 39.5 | 363.0 | 1 640.5 | 3 123.2 | 4 786.1 | 70.6 |
| Sioux City, Iowa-Nebr..... | 131 | 60 | 10.5 | 173.9 | 6.9 | 13.3 | 91.1 | 310.0 | 1 857.0 | 2 161.2 | 14.5 |
| Portion in Iowa..... | 110 | 52 | 5.8 | 113.2 | 3.8 | 7.3 | 68.0 | 233.0 | 916.5 | 1 138.7 | 11.8 |
| Portion in Nebraska..... | 21 | 8 | 4.7 | 60.7 | 3.1 | 5.9 | 23.1 | 77.0 | 940.5 | 1 022.5 | 2.7 |
| Waterloo-Cedar Falls, Iowa..... | 181 | 60 | 18.2 | 491.9 | 12.4 | 22.2 | 317.5 | 1 399.9 | 1 593.3 | 2 989.6 | 51.1 |
| Kansas..... | 3 235 | 1 103 | 170.6 | 3 322.8 | 112.8 | 217.9 | 1 957.8 | 8 436.5 | 18 104.1 | 26 753.4 | 613.3 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Kansas City, Mo.-Kans..... | 2 040 | 732 | 115.5 | 2 461.1 | 68.4 | 129.7 | 1 309.5 | 5 486.9 | 9 039.3 | 14 641.7 | 311.1 |
| Portion in Kansas..... | 716 | 272 | 36.3 | 740.3 | 23.6 | 46.6 | 434.2 | 2 112.0 | 3 701.7 | 5 867.1 | 88.5 |
| Portion in Missouri..... | 1 324 | 460 | 79.1 | 1 720.8 | 44.8 | 83.1 | 875.3 | 3 374.9 | 5 337.6 | 8 774.6 | 222.6 |
| Lawrence, Kans..... | 71 | 27 | 4.2 | 77.7 | 3.0 | 5.6 | 47.0 | 392.4 | 298.5 | 687.9 | 11.9 |
| Topeka, Kans..... | 153 | 55 | 9.2 | 171.7 | 6.7 | 12.0 | 113.7 | 702.7 | 477.1 | 1 182.7 | 28.1 |
| Wichita, Kans..... | 618 | 202 | 53.9 | 1 229.5 | 30.7 | 60.3 | 632.3 | 2 638.5 | 5 145.0 | 7 817.1 | 249.4 |
| Kentucky..... | 3 502 | 1 354 | 246.6 | 4 638.8 | 173.8 | 319.7 | 2 874.0 | 11 819.7 | 17 662.0 | 29 638.6 | 996.8 |
| STANDARD CONSOLIDATED STATISTICAL AREAS | | | | | | | | | | | |
| Cincinnati-Hamilton, Ohio-Ky.-Ind..... | 2 328 | 929 | 175.2 | 4 037.6 | 99.6 | 192.6 | 1 975.9 | 8 577.2 | 9 582.7 | 18 365.3 | 642.3 |
| Portion in Indiana..... | 29 | 14 | 2.9 | 68.1 | 2.3 | 4.7 | 49.2 | 180.1 | 147.9 | 327.1 | 7.2 |
| Portion in Missouri..... | 234 | 91 | 11.3 | 205.7 | 7.1 | 13.6 | 116.1 | 404.7 | 459.4 | 871.4 | 27.7 |
| Portion in Ohio..... | 2 065 | 824 | 161.0 | 3 763.8 | 90.2 | 174.4 | 1 810.6 | 7 992.4 | 8 975.3 | 17 166.7 | 607.4 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Cincinnati, Ohio-Ky.-Ind..... | 2 078 | 829 | 149.8 | 3 379.9 | 83.1 | 160.8 | 1 568.9 | 7 510.3 | 8 248.7 | 15 895.3 | 438.9 |
| Portion in Indiana..... | 29 | 14 | 2.9 | 68.1 | 2.3 | 4.7 | 49.2 | 180.1 | 147.9 | 327.1 | 7.2 |
| Portion in Kentucky..... | 234 | 91 | 11.3 | 205.7 | 7.1 | 13.6 | 116.1 | 404.7 | 459.4 | 871.4 | 27.7 |
| Portion in Ohio..... | 1 815 | 724 | 135.6 | 3 106.1 | 73.7 | 142.5 | 1 403.6 | 6 925.5 | 7 841.4 | 14 696.7 | 404.1 |
| Clarksville-Hopkinsville, Tenn.-Ky..... | 114 | 50 | 9.4 | 131.1 | 6.5 | 11.2 | 79.8 | 291.6 | 368.3 | 676.5 | 25.8 |
| Portion in Kentucky..... | 53 | 26 | 3.1 | 41.8 | 2.4 | 4.2 | 27.5 | 85.5 | 144.7 | 233.2 | 6.9 |
| Portion in Tennessee..... | 61 | 24 | 6.2 | 89.3 | 4.1 | 7.0 | 52.3 | 206.0 | 223.6 | 443.3 | 18.9 |
| Evansville, Ind.-Ky..... | 400 | 158 | 34.9 | 762.6 | 23.6 | 45.5 | 472.8 | 1 936.9 | 3 230.3 | 5 183.0 | 216.6 |
| Portion in Indiana..... | 341 | 132 | 30.8 | 684.0 | 20.7 | 40.2 | 420.4 | 1 774.9 | 2 940.5 | 4 724.6 | 194.3 |
| Portion in Kentucky..... | 59 | 26 | 4.1 | 78.6 | 2.9 | 5.2 | 52.4 | 162.0 | 289.8 | 458.4 | 22.2 |
| Huntington-Ashland, W. Va.-Ky.-Ohio..... | 288 | 108 | 22.5 | 521.7 | 14.8 | 26.1 | 311.2 | 799.6 | 3 347.3 | 4 218.0 | 139.8 |
| Portion in Kentucky..... | 74 | 34 | 10.2 | 267.6 | 6.1 | 10.2 | 148.5 | 294.2 | 2 698.0 | 3 025.4 | 103.0 |
| Portion in Ohio..... | 47 | 14 | 1.9 | 41.5 | 1.5 | 2.8 | 32.9 | 75.4 | 172.4 | 249.5 | 4.4 |
| Portion in West Virginia..... | 167 | 60 | 10.4 | 212.6 | 7.2 | 13.1 | 129.8 | 430.0 | 477.0 | 943.1 | 32.5 |
| Lexington-Fayette, Ky..... | 345 | 136 | 26.5 | 563.3 | 16.0 | 29.9 | 276.5 | 1 544.4 | 1 406.4 | 2 962.3 | 97.2 |
| Louisville, Ky.-Ind..... | 1 112 | 465 | 89.3 | 1 923.6 | 59.5 | 109.0 | 1 158.5 | 5 279.5 | 6 862.3 | 12 183.5 | 308.3 |
| Portion in Indiana..... | 184 | 74 | 10.3 | 192.0 | 7.5 | 14.2 | 124.1 | 664.9 | 533.1 | 1 213.5 | 24.0 |
| Portion in Kentucky..... | 928 | 391 | 79.0 | 1 731.5 | 52.0 | 94.8 | 1 034.4 | 4 614.6 | 6 329.2 | 10 970.0 | 284.2 |
| Owensboro, Ky..... | 92 | 36 | 6.6 | 136.7 | 4.9 | 9.1 | 90.1 | 443.2 | 604.2 | 1 051.0 | 40.4 |
| Louisiana..... | 4 107 | 1 335 | 202.0 | 4 304.1 | 142.4 | 281.0 | 2 730.6 | 11 754.6 | 44 843.5 | 57 058.1 | 2 561.9 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Alexandria, La..... | 141 | 28 | 4.6 | 76.8 | 3.1 | 5.8 | 43.9 | 237.4 | 271.7 | 503.4 | (D) |
| Baton Rouge, La..... | 425 | 152 | 25.5 | 700.2 | 15.0 | 31.0 | 365.7 | 2 267.6 | 9 991.2 | 12 336.3 | 511.9 |
| Lafayette, La..... | 214 | 65 | 5.3 | 95.6 | 3.4 | 6.8 | 52.6 | 223.4 | 240.7 | 450.7 | 40.4 |
| Lake Charles, La..... | 141 | 52 | 10.8 | 313.7 | 7.3 | 14.1 | 199.2 | 777.1 | 5 780.9 | 6 967.6 | 432.7 |
| Monroe, La..... | 178 | 55 | 7.4 | 151.6 | 4.8 | 9.4 | 91.9 | 305.9 | 570.3 | 877.8 | 19.0 |
| New Orleans, La..... | 976 | 290 | 46.3 | 955.3 | 31.6 | 64.3 | 617.9 | 2 254.5 | 4 878.9 | 7 124.0 | 334.8 |
| Shreveport, La..... | 431 | 151 | 25.8 | 486.2 | 19.1 | 35.0 | 326.6 | 1 043.2 | 2 239.9 | 3 285.0 | 190.5 |

See footnotes at end of table.

Table 3. Selected Statistics for All Manufacturing Establishments by State and Standard Metropolitan Statistical Area: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Geographic area | All establishments ^{1 2} | | All employees ¹ | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) |
|---|-----------------------------------|---|----------------------------|---------------------------------|--------------------|---------------------|-------------------------------|--|---|--|---|
| | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| Maine ----- | 2 009 | 616 | 110.2 | 1 774.9 | 86.4 | 165.8 | 1 236.8 | 4 037.8 | 4 634.9 | 8 649.1 | 510.3 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Bangor, Maine----- | 98 | 34 | 5.6 | 84.5 | 4.4 | 8.4 | 58.8 | 191.9 | 237.7 | 424.2 | (D) |
| Lewiston-Auburn, Maine----- | 154 | 71 | 11.4 | 148.2 | 8.8 | 16.6 | 94.5 | 355.0 | 306.0 | 673.5 | 24.2 |
| Portland, Maine----- | 268 | 92 | 17.2 | 288.8 | 12.1 | 23.1 | 172.1 | 622.2 | 647.9 | 1 268.1 | 57.2 |
| Portsmouth-Dover-Rochester, N.H.-Maine----- | 220 | 84 | 17.3 | 283.7 | 12.7 | 24.3 | 172.7 | 540.7 | 538.9 | 1 087.2 | 26.4 |
| Portion in Maine----- | 23 | 3 | 1.3 | 19.1 | 1.1 | 2.3 | 12.5 | 33.0 | 87.7 | 121.3 | 1.2 |
| Portion in New Hampshire----- | 197 | 81 | 16.0 | 264.5 | 11.6 | 22.1 | 160.2 | 507.6 | 451.2 | 965.9 | 25.1 |
| Maryland ----- | 3 883 | 1 382 | 234.4 | 4 859.3 | 145.9 | 270.6 | 2 550.8 | 10 133.8 | 11 256.1 | 21 281.5 | 718.1 |
| STANDARD CONSOLIDATED STATISTICAL AREAS | | | | | | | | | | | |
| Philadelphia-Wilmington-Trenton, Pa.-Del.-N.J.-Md.----- | 8 459 | 3 258 | 497.0 | 10 758.8 | 291.2 | 558.4 | 5 043.2 | 20 547.5 | 31 937.0 | 52 891.8 | 1 434.2 |
| Portion in Maryland----- | 53 | 24 | 3.9 | 69.5 | 2.7 | 5.3 | 42.8 | 119.0 | 162.7 | 295.5 | 6.9 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Baltimore, Md.----- | 2 142 | 821 | 153.6 | 3 363.9 | 93.1 | 172.1 | 1 752.7 | 7 131.7 | 7 666.8 | 14 706.7 | 500.1 |
| Cumberland, Md.-W. Va.----- | 96 | 39 | 7.9 | 177.5 | 5.1 | 9.4 | 102.5 | 364.1 | 355.2 | 712.5 | 42.6 |
| Portion in Maryland----- | 74 | 27 | 6.6 | 151.4 | 4.4 | 8.0 | 92.8 | 337.9 | 333.7 | 664.6 | 42.0 |
| Portion in West Virginia----- | 22 | 12 | 1.3 | 26.1 | .7 | 1.3 | 9.7 | 26.2 | 21.5 | 47.9 | .6 |
| Hagerstown, Md.----- | 122 | 59 | 12.3 | 233.5 | 9.1 | 16.7 | 162.4 | 474.3 | 336.5 | 810.7 | 27.0 |
| Washington, D.C.-Md.-Va.----- | 2 223 | 586 | 70.8 | 1 571.3 | 33.0 | 63.6 | 554.9 | 3 144.6 | 2 502.7 | 5 617.5 | 225.9 |
| Portion in District of Columbia----- | 514 | 127 | 16.7 | 393.7 | 6.4 | 12.0 | 125.3 | 928.6 | 606.4 | 1 537.1 | 55.1 |
| Portion in Maryland----- | 936 | 255 | 30.4 | 656.4 | 15.2 | 29.6 | 246.2 | 1 148.7 | 1 118.3 | 2 233.5 | 82.3 |
| Portion in Virginia----- | 773 | 204 | 23.7 | 521.2 | 11.4 | 22.0 | 183.4 | 1 067.3 | 778.1 | 1 846.9 | 88.6 |
| Wilmington, Del.-N.J.-Md.----- | 512 | 200 | 61.8 | 1 725.5 | 26.2 | 49.2 | 530.8 | 2 042.2 | 5 116.3 | 7 249.8 | 344.1 |
| Portion in Delaware----- | 401 | 148 | 49.7 | 1 458.5 | 18.0 | 34.2 | 374.8 | 1 473.5 | 4 310.2 | 5 792.6 | 278.7 |
| Portion in Maryland----- | 53 | 24 | 3.9 | 69.5 | 2.7 | 5.3 | 42.8 | 119.0 | 162.7 | 295.5 | 6.9 |
| Portion in New Jersey----- | 58 | 28 | 8.2 | 197.5 | 5.5 | 9.7 | 113.2 | 449.7 | 643.4 | 1 161.7 | 58.5 |
| Massachusetts ----- | 11 017 | 4 290 | 643.4 | 12 353.1 | 397.0 | 765.2 | 6 000.6 | 25 967.5 | 22 145.8 | 48 203.9 | 1 667.3 |
| STANDARD CONSOLIDATED STATISTICAL AREAS | | | | | | | | | | | |
| Boston-Lawrence-Lowell, Mass.-N.H.----- | 6 315 | 2 413 | 376.7 | 7 759.5 | 217.6 | 420.2 | 3 456.0 | 16 558.4 | 13 264.9 | 29 849.8 | 1 045.0 |
| Portion in Massachusetts----- | 6 224 | 2 381 | 372.8 | 7 688.4 | 215.7 | 416.6 | 3 430.2 | 16 285.5 | 12 791.6 | 29 088.0 | 1 037.1 |
| Portion in New Hampshire----- | 91 | 32 | 4.0 | 71.1 | 2.0 | 3.6 | 25.7 | 272.9 | 473.3 | 761.8 | 7.9 |
| Providence-Fall River, R.I.-Mass.----- | 3 365 | 1 165 | 144.5 | 2 161.3 | 104.7 | 198.8 | 1 287.1 | 4 626.5 | 5 347.0 | 9 980.3 | 234.0 |
| Portion in Massachusetts----- | 624 | 268 | 39.0 | 554.6 | 28.7 | 54.7 | 345.0 | 1 131.5 | 1 735.6 | 2 847.0 | 57.3 |
| Portion in Rhode Island----- | 2 741 | 897 | 105.5 | 1 606.6 | 76.0 | 144.1 | 942.1 | 3 495.0 | 3 611.4 | 7 133.3 | 176.7 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Boston, Mass.----- | 5 049 | 1 878 | 284.6 | 5 867.4 | 159.5 | 308.4 | 2 578.1 | 12 310.2 | 9 492.2 | 21 807.7 | 745.1 |
| Brockton, Mass.----- | 309 | 134 | 12.0 | 173.0 | 8.8 | 16.1 | 103.1 | 463.5 | 337.9 | 804.2 | 15.6 |
| Fall River, Mass.-R.I.----- | 300 | 151 | 22.3 | 299.7 | 17.2 | 31.4 | 186.9 | 598.9 | 517.5 | 1 094.6 | 36.1 |
| Portion in Massachusetts----- | 276 | 143 | 18.6 | 222.4 | 15.5 | 28.0 | 160.1 | 452.4 | 427.5 | 857.3 | 21.5 |
| Portion in Rhode Island----- | 24 | 8 | 3.6 | 77.2 | 1.6 | 3.4 | 26.7 | 146.5 | 90.0 | 237.3 | 14.7 |
| Fitchburg-Leominster, Mass.----- | 300 | 127 | 14.5 | 258.7 | 10.2 | 20.5 | 146.9 | 524.7 | 515.4 | 1 044.6 | 47.5 |
| Lawrence-Haverhill, Mass.-N.H.----- | 575 | 237 | 42.3 | 830.0 | 28.9 | 56.4 | 477.9 | 2 244.0 | 2 085.5 | 4 406.9 | 116.3 |
| Portion in Massachusetts----- | 487 | 207 | 38.5 | 760.5 | 27.1 | 53.0 | 453.4 | 1 973.4 | 1 612.6 | 3 647.7 | 108.4 |
| Portion in New Hampshire----- | 88 | 30 | 3.8 | 69.5 | 1.8 | 3.4 | 24.5 | 270.7 | 472.9 | 759.2 | 7.9 |
| Lowell, Mass.-N.H.----- | 382 | 164 | 37.8 | 889.2 | 20.4 | 39.3 | 296.9 | 1 540.7 | 1 349.3 | 2 831.0 | 168.1 |
| Portion in Massachusetts----- | 379 | 162 | 37.6 | 887.5 | 20.3 | 39.0 | 295.7 | 1 538.4 | 1 348.9 | 2 828.4 | 168.0 |
| New Bedford, Mass.----- | 317 | 148 | 24.0 | 334.7 | 19.0 | 34.7 | 224.8 | 776.5 | 702.0 | 1 445.5 | 30.5 |
| Pittsfield, Mass.----- | 118 | 53 | 13.6 | 311.4 | 7.2 | 15.4 | 136.9 | 581.0 | 359.8 | 943.6 | 34.5 |
| Providence-Warwick-Pawtucket, R.I.-Mass.----- | 3 065 | 1 014 | 122.2 | 1 861.6 | 87.5 | 167.4 | 1 100.2 | 4 027.6 | 4 829.5 | 8 885.7 | 197.9 |
| Portion in Massachusetts----- | 348 | 125 | 20.4 | 332.2 | 13.2 | 26.7 | 184.8 | 679.1 | 1 308.1 | 1 989.7 | 35.8 |
| Portion in Rhode Island----- | 2 717 | 889 | 101.8 | 1 529.4 | 74.3 | 140.6 | 915.4 | 3 348.5 | 3 521.4 | 6 896.0 | 162.1 |
| Springfield-Chicopee-Holyoke, Mass.-Conn.----- | 1 051 | 409 | 58.2 | 1 034.1 | 40.1 | 77.7 | 608.9 | 2 069.2 | 2 329.6 | 4 428.2 | 131.2 |
| Portion in Massachusetts----- | 1 036 | 404 | 58.0 | 1 029.8 | 39.9 | 77.4 | 606.9 | 2 059.4 | 2 316.6 | 4 405.7 | 130.0 |
| Worcester, Mass.----- | 798 | 328 | 42.9 | 829.5 | 28.0 | 53.3 | 440.3 | 1 639.1 | 1 311.9 | 3 008.8 | 142.7 |
| Michigan ----- | 15 158 | 5 010 | 883.9 | 22 223.0 | 563.6 | 1 090.5 | 12 504.9 | 39 118.1 | 59 962.5 | 99 715.0 | 3 503.0 |
| STANDARD CONSOLIDATED STATISTICAL AREAS | | | | | | | | | | | |
| Detroit-Ann Arbor, Mich.----- | 8 088 | 2 564 | 452.9 | 12 157.2 | 258.9 | 502.7 | 5 988.7 | 18 018.0 | 29 964.1 | 48 321.8 | 1 779.1 |

See footnotes at end of table.

Table 3. Selected Statistics for All Manufacturing Establishments by State and Standard Metropolitan Statistical Area: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Geographic area | All establishments ^{1 2} | | All employees ¹ | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) |
|---|-----------------------------------|------------------------------------|----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|
| | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| Michigan—Con. | | | | | | | | | | | |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Ann Arbor, Mich. | 378 | 132 | 30.0 | 782.1 | 19.3 | 38.0 | 476.9 | 1 304.9 | 2 477.5 | 3 848.5 | 143.0 |
| Battle Creek, Mich. | 238 | 98 | 18.7 | 462.7 | 12.4 | 23.3 | 283.4 | 1 157.3 | 963.5 | 2 153.9 | 58.0 |
| Bay City, Mich. | 139 | 40 | 7.5 | 187.1 | 5.1 | 9.7 | 112.8 | 401.7 | 290.4 | 691.6 | 63.3 |
| Benton Harbor, Mich. | 357 | 136 | 19.9 | 427.3 | 12.3 | 23.6 | 213.2 | 689.2 | 826.6 | 1 551.4 | 58.1 |
| Detroit, Mich. | 7 710 | 2 432 | 422.9 | 11 375.1 | 239.6 | 464.7 | 5 511.7 | 16 713.1 | 27 486.6 | 44 473.4 | 1 636.1 |
| Flint, Mich. | 366 | 111 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| Grand Rapids, Mich. | 1 389 | 540 | 82.5 | 1 743.5 | 57.9 | 111.6 | 1 094.3 | 3 681.3 | 3 517.0 | 7 250.7 | 250.4 |
| Jackson, Mich. | 307 | 106 | 12.2 | 268.7 | 8.1 | 15.6 | 159.8 | 481.7 | 561.3 | 1 063.4 | 33.8 |
| Kalamazoo-Portage, Mich. | 481 | 187 | 32.9 | 777.5 | 20.2 | 39.4 | 422.5 | 1 599.2 | 1 714.9 | 3 336.4 | 91.5 |
| Lansing-East Lansing, Mich. | 435 | 148 | 37.3 | 975.1 | 28.9 | 56.5 | 732.8 | 1 892.4 | 6 371.7 | 8 259.1 | 127.1 |
| Muskegon-Norton Shores-Muskegon Heights, Mich. | 300 | 114 | 17.5 | 403.4 | 11.6 | 22.1 | 241.4 | 854.2 | 1 603.7 | 1 603.7 | 96.8 |
| Saginaw, Mich. | 215 | 79 | 22.5 | 624.1 | 16.6 | 32.1 | 441.5 | 1 284.1 | 1 555.7 | 2 854.4 | 111.1 |
| Toledo, Ohio-Mich. | 1 191 | 433 | 70.5 | 1 748.2 | 44.7 | 87.8 | 990.9 | 3 690.4 | 6 720.1 | 10 403.4 | 341.0 |
| Portion in Michigan | 126 | 41 | 7.6 | 194.5 | 5.3 | 10.2 | 128.8 | 362.4 | 501.7 | 880.3 | 49.1 |
| Portion in Ohio | 1 065 | 392 | 62.8 | 1 553.7 | 39.5 | 77.6 | 862.1 | 3 328.0 | 6 218.3 | 9 523.1 | 291.9 |
| Minnesota | 6 775 | 2 214 | 350.0 | 7 422.9 | 200.6 | 376.2 | 3 428.4 | 15 366.9 | 19 853.5 | 35 321.3 | 1 193.0 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Duluth-Superior, Minn.-Wis. | 267 | 73 | 7.1 | 136.0 | 4.8 | 8.7 | 88.1 | 289.7 | 594.1 | 913.3 | 29.8 |
| Portion in Minnesota | 222 | 59 | 5.8 | 106.4 | 3.8 | 6.8 | 65.7 | 206.1 | 248.1 | 461.0 | 26.3 |
| Portion in Wisconsin | 45 | 14 | 1.3 | 29.7 | 1.0 | 2.0 | 22.5 | 83.6 | 345.9 | 452.3 | 3.4 |
| Fargo-Moorhead, N. Dak.-Minn. | 150 | 45 | 4.7 | 81.0 | 3.1 | 5.6 | 46.0 | 207.4 | 427.5 | 628.4 | 17.2 |
| Portion in Minnesota | 33 | 6 | 1.1 | 19.4 | .8 | 1.5 | 11.1 | 39.4 | 58.3 | 95.8 | 6.1 |
| Portion in North Dakota | 117 | 39 | 3.5 | 61.6 | 2.3 | 4.1 | 34.9 | 168.0 | 369.2 | 532.6 | 11.1 |
| Grand Forks, N. Dak.-Minn. | 80 | 21 | 2.9 | 41.8 | 2.2 | 3.9 | 29.2 | 105.5 | 215.2 | 327.9 | 8.5 |
| Portion in Minnesota | 42 | 11 | 1.7 | 22.9 | 1.5 | 2.3 | 17.1 | 56.6 | 129.0 | 191.6 | 3.8 |
| Portion in North Dakota | 38 | 10 | 1.1 | 18.9 | .8 | 1.6 | 12.1 | 48.9 | 86.3 | 136.3 | 4.8 |
| Minneapolis-St. Paul, Minn.-Wis. | 4 155 | 1 466 | 240.9 | 5 512.6 | 124.2 | 234.0 | 2 279.4 | 10 738.4 | 11 471.1 | 22 282.1 | 688.5 |
| Portion in Minnesota | 4 096 | 1 441 | 237.8 | 5 457.3 | 122.3 | 230.6 | 2 251.3 | 10 634.8 | 11 316.5 | 22 022.3 | 684.7 |
| Portion in Wisconsin | 59 | 25 | 3.2 | 55.2 | 1.9 | 3.4 | 28.0 | 103.7 | 154.6 | 259.8 | 3.8 |
| Rochester, Minn. | 74 | 24 | 9.9 | 252.5 | 3.0 | 5.7 | 51.4 | 356.5 | 581.8 | 918.4 | (D) |
| St. Cloud, Minn. | 211 | 70 | 9.7 | 169.6 | 7.0 | 12.9 | 110.2 | 415.6 | 646.1 | 1 060.8 | 72.5 |
| Mississippi | 3 126 | 1 223 | 201.7 | 2 880.8 | 158.2 | 299.2 | 1 977.6 | 7 824.9 | 11 576.8 | 19 488.0 | 1 154.3 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Biloxi-Gulfport, Miss. | 207 | 68 | 8.2 | 138.5 | 6.0 | 11.7 | 89.8 | 356.9 | 403.0 | 767.0 | 48.6 |
| Jackson, Miss. | 354 | 133 | 17.0 | 283.7 | 12.1 | 23.3 | 177.7 | 991.4 | 979.5 | 1 976.9 | (D) |
| Memphis, Tenn.-Ark.-Miss. | 1 096 | 474 | 60.5 | 1 100.8 | 40.2 | 77.9 | 619.1 | 3 007.9 | 4 558.3 | 7 625.3 | 235.1 |
| Portion in Arkansas | 46 | 23 | 1.8 | 24.7 | 1.4 | 2.8 | 16.4 | 47.4 | 120.3 | 167.0 | 3.6 |
| Portion in Mississippi | 72 | 39 | 4.4 | 69.8 | 3.0 | 6.0 | 41.1 | 198.3 | 221.8 | 421.4 | 15.7 |
| Portion in Tennessee | 978 | 412 | 54.3 | 1 006.4 | 35.9 | 69.1 | 561.5 | 2 762.1 | 4 216.3 | 7 037.0 | 215.8 |
| Pascagoula-Moss Point, Miss. | 86 | 40 | 18.6 | 415.7 | 12.9 | 25.1 | 257.9 | 1 598.8 | 2 974.2 | 4 584.8 | (D) |
| Missouri | 7 069 | 2 467 | 405.9 | 8 013.2 | 256.4 | 477.2 | 4 198.9 | 18 333.8 | 24 160.9 | 41 459.4 | 1 339.8 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Columbia, Mo. | 79 | 22 | 3.3 | 59.3 | 2.0 | 3.9 | 30.3 | 159.3 | 116.9 | 284.4 | 8.3 |
| Joplin, Mo. | 254 | 102 | 13.7 | 208.8 | 10.3 | 19.5 | 139.1 | 514.5 | 797.9 | 1 313.2 | 30.5 |
| Kansas City, Mo.-Kans. | 2 040 | 732 | 115.5 | 2 461.1 | 68.4 | 129.7 | 1 309.5 | 5 486.9 | 9 039.3 | 14 641.7 | 311.1 |
| Portion in Kansas | 716 | 272 | 36.3 | 740.3 | 23.6 | 46.6 | 434.2 | 2 112.0 | 3 701.7 | 5 867.1 | 88.5 |
| Portion in Missouri | 1 324 | 460 | 79.1 | 1 720.8 | 44.8 | 83.1 | 875.3 | 3 374.9 | 5 337.6 | 8 774.6 | 222.6 |
| St. Joseph, Mo. | 114 | 54 | 8.7 | 153.2 | 6.5 | 11.9 | 103.1 | 486.5 | 824.7 | 1 312.4 | 33.1 |
| St. Louis, Mo.-Ill. | 3 268 | 1 195 | 218.2 | 5 005.2 | 125.5 | 239.4 | 2 407.3 | 11 062.3 | 16 099.8 | 26 131.9 | 943.8 |
| Portion in Illinois | 432 | 140 | 30.2 | 686.8 | 21.9 | 41.2 | 447.1 | 1 445.2 | 5 577.0 | 7 149.0 | 162.1 |
| Portion in Missouri | 2 836 | 1 055 | 188.0 | 4 318.3 | 103.6 | 198.2 | 1 960.2 | 9 617.0 | 10 522.8 | 18 983.0 | 781.6 |
| Springfield, Mo. | 319 | 88 | 18.5 | 299.6 | 13.5 | 25.4 | 199.4 | 913.3 | 1 608.4 | 2 517.5 | 40.2 |
| Montana | 1 090 | 176 | 20.2 | 379.1 | 14.6 | 27.0 | 265.0 | 713.5 | 2 954.5 | 3 668.2 | 74.6 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Billings, Mont. | 146 | 40 | 4.0 | 78.0 | 2.7 | 5.2 | 49.3 | 242.8 | 1 610.3 | 1 833.9 | 18.9 |
| Great Falls, Mont. | 61 | 13 | 1.2 | 18.7 | .7 | 1.2 | 9.7 | 53.4 | 142.0 | 196.1 | 4.1 |

See footnotes at end of table.

Table 3. Selected Statistics for All Manufacturing Establishments by State and Standard Metropolitan Statistical Area: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Geographic area | All establishments ^{1 2} | | All employees ¹ | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁵ (million dollars) | New capital expenditures (million dollars) |
|---|-----------------------------------|---------------------------------------|----------------------------|------------------------------|--------------------|---------------------|----------------------------|--|---|--|---|
| | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| Nebraska ----- | 1 928 | 633 | 91.1 | 1 624.4 | 64.4 | 124.3 | 1 014.8 | 4 444.5 | 10 628.0 | 15 143.2 | 245.3 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Lincoln, Nebr. | 233 | 80 | 12.4 | 219.5 | 8.3 | 15.6 | 126.9 | 584.8 | 899.2 | 1 493.3 | 27.3 |
| Omaha, Nebr.-Iowa .. | 673 | 252 | 34.2 | 668.3 | 23.6 | 44.9 | 400.0 | 1 762.9 | 3 725.1 | 5 508.3 | 76.6 |
| Portion in Iowa | 75 | 28 | 3.5 | 53.8 | 2.8 | 5.4 | 37.0 | 122.4 | 601.8 | 722.3 | 6.0 |
| Portion in Nebraska .. | 598 | 224 | 30.6 | 614.5 | 20.8 | 39.5 | 363.0 | 1 640.5 | 3 123.2 | 4 786.1 | 70.6 |
| Sioux City, Iowa-Nebr. | 131 | 60 | 10.5 | 173.9 | 6.9 | 13.3 | 91.1 | 310.0 | 1 857.0 | 2 161.2 | 14.5 |
| Portion in Iowa | 110 | 52 | 5.8 | 113.2 | 3.8 | 7.3 | 68.0 | 233.0 | 916.5 | 1 138.7 | 11.8 |
| Portion in Nebraska | 21 | 8 | 4.7 | 60.7 | 3.1 | 5.9 | 23.1 | 77.0 | 940.5 | 1 022.5 | 2.7 |
| Nevada ----- | 851 | 177 | 20.4 | 356.2 | 13.1 | 24.8 | 209.7 | 862.6 | 895.6 | 1 755.6 | 80.3 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Las Vegas, Nev. | 341 | 60 | 6.8 | 126.0 | 4.6 | 8.8 | 79.7 | 289.9 | 303.3 | 589.4 | 42.2 |
| Reno, Nev. | 315 | 69 | 8.3 | 133.6 | 5.0 | 9.5 | 75.3 | 385.5 | 319.4 | 706.9 | 25.0 |
| New Hampshire ----- | 1 981 | 721 | 107.4 | 1 792.0 | 75.3 | 144.9 | 1 054.9 | 4 004.0 | 3 609.3 | 7 635.6 | 246.2 |
| STANDARD CONSOLIDATED STATISTICAL AREAS | | | | | | | | | | | |
| Boston-Lawrence-Lowell, Mass.-N.H. | 6 315 | 2 413 | 376.7 | 7 759.5 | 217.6 | 420.2 | 3 456.0 | 16 558.4 | 13 264.9 | 29 849.8 | 1 045.0 |
| Portion in Massachusetts | 6 224 | 2 381 | 372.8 | 7 688.4 | 215.7 | 416.6 | 3 430.2 | 16 285.5 | 12 791.6 | 29 088.0 | 1 037.1 |
| Portion in New Hampshire | 91 | 32 | 4.0 | 71.1 | 2.0 | 3.6 | 25.7 | 272.9 | 473.3 | 761.8 | 7.9 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Lawrence-Haverhill, Mass.-N.H. | 575 | 237 | 42.3 | 830.0 | 28.9 | 56.4 | 477.9 | 2 244.0 | 2 085.5 | 4 406.9 | 116.3 |
| Portion in Massachusetts | 487 | 207 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| Portion in New Hampshire | 88 | 30 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| Lowell, Mass.-N.H. | 382 | 164 | 37.8 | 889.2 | 20.4 | 39.3 | 296.9 | 1 540.7 | 1 349.3 | 2 831.0 | 168.1 |
| Portion in Massachusetts | 379 | 162 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| Manchester, N.H. | 272 | 106 | 16.0 | 240.3 | 12.1 | 22.7 | 148.7 | 509.3 | 531.3 | 1 040.8 | 24.6 |
| Nashua, N.H. | 318 | 143 | 27.6 | 536.2 | 17.0 | 32.2 | 288.1 | 1 239.6 | 972.2 | 2 198.3 | 91.3 |
| Portsmouth-Dover-Rochester, N.H.-Maine .. | 220 | 84 | 17.3 | 283.7 | 12.7 | 24.3 | 172.7 | 540.7 | 538.9 | 1 087.2 | 26.4 |
| Portion in Maine | 23 | 3 | 1.3 | 19.1 | 1.1 | 2.3 | 12.5 | 33.0 | 87.7 | 121.3 | 1.2 |
| Portion in New Hampshire | 197 | 81 | 16.0 | 264.5 | 11.6 | 22.1 | 160.2 | 507.6 | 451.2 | 965.9 | 25.1 |
| New Jersey ----- | 15 126 | 5 756 | 754.0 | 15 845.0 | 440.4 | 842.7 | 7 206.7 | 31 656.0 | 38 430.8 | 70 419.9 | 2 061.3 |
| STANDARD CONSOLIDATED STATISTICAL AREAS | | | | | | | | | | | |
| New York-Newark-Jersey City, N.Y.-N.J.-Conn. | 37 114 | 12 537 | 1 436.0 | 29 115.6 | 813.4 | 1 569.7 | 12 007.4 | 57 441.5 | 59 100.9 | 116 626.0 | 2 794.0 |
| Portion in Connecticut | 809 | 320 | 57.4 | 1 412.7 | 19.5 | 39.0 | 323.8 | 2 100.1 | 1 234.9 | 3 317.8 | 127.0 |
| Portion in New Jersey | 11 892 | 4 610 | 595.1 | 12 659.2 | 336.0 | 644.4 | 5 412.5 | 24 638.6 | 29 184.9 | 54 075.5 | 1 484.2 |
| Portion in New York | 24 413 | 7 607 | 783.5 | 15 043.7 | 457.9 | 886.3 | 6 271.2 | 30 702.8 | 28 681.1 | 59 232.1 | 1 182.8 |
| Philadelphia-Wilmington-Trenton, Pa.-Del.-N.J.-Md. | 8 459 | 3 258 | 497.0 | 10 758.8 | 291.2 | 558.4 | 5 043.2 | 20 547.5 | 31 937.0 | 52 891.8 | 1 434.2 |
| Portion in Delaware | 401 | 148 | 49.7 | 1 458.5 | 18.0 | 34.2 | 374.8 | 1 473.5 | 4 310.2 | 5 792.6 | 278.7 |
| Portion in Maryland | 53 | 24 | 3.9 | 69.5 | 2.7 | 5.3 | 42.8 | 119.0 | 162.7 | 295.5 | 6.9 |
| Portion in New Jersey | 2 042 | 755 | 105.8 | 2 216.8 | 66.9 | 127.6 | 1 201.3 | 4 477.0 | 6 748.1 | 11 269.1 | 338.6 |
| Portion in Pennsylvania | 5 963 | 2 331 | 337.5 | 7 014.0 | 203.6 | 391.2 | 3 424.4 | 14 478.0 | 20 716.0 | 35 534.7 | 810.0 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Allentown-Bethlehem-Easton, Pa.-N.J. | 1 121 | 581 | 97.5 | 1 955.0 | 63.2 | 113.1 | 1 038.2 | 3 626.7 | 3 950.5 | 7 690.7 | 343.1 |
| Portion in New Jersey | 147 | 64 | 11.5 | 252.2 | 6.8 | 13.1 | 131.0 | 706.2 | 733.0 | 1 470.3 | 71.3 |
| Portion in Pennsylvania | 974 | 517 | 86.0 | 1 702.8 | 56.3 | 100.0 | 907.2 | 2 920.4 | 3 217.5 | 6 220.4 | 271.8 |
| Atlantic City, N.J. | 191 | 66 | 7.8 | 118.9 | 5.6 | 10.0 | 75.0 | 441.7 | 196.5 | 634.5 | 9.7 |
| Jersey City, N.J. | 1 706 | 585 | 59.8 | 1 041.7 | 42.3 | 79.3 | 624.0 | 2 514.6 | 3 059.6 | 5 607.9 | 114.6 |
| Long Branch-Asbury Park, N.J. | 626 | 196 | 29.3 | 617.6 | 15.9 | 30.6 | 235.2 | 1 234.3 | 1 001.6 | 2 225.3 | 68.1 |
| New Brunswick-Perth Amboy-Sayreville, N.J. | 1 188 | 568 | 83.6 | 1 865.7 | 47.1 | 90.8 | 838.7 | 4 237.1 | 5 611.6 | 9 906.3 | 296.4 |
| New York, N.Y.-N.J. | 22 054 | 7 118 | 714.6 | 13 726.2 | 408.5 | 791.5 | 5 490.1 | 27 450.6 | 27 249.0 | 54 821.7 | 1 069.6 |
| Portion in New Jersey | 2 520 | 931 | 102.8 | 2 067.0 | 58.7 | 112.4 | 901.4 | 4 132.5 | 3 848.9 | 8 021.8 | 243.1 |
| Portion in New York | 19 534 | 6 187 | 611.8 | 11 659.2 | 349.9 | 679.1 | 4 588.7 | 23 318.1 | 23 400.1 | 46 799.9 | 826.5 |
| Newark, N.J. | 4 422 | 1 723 | 255.0 | 5 864.1 | 129.8 | 249.9 | 2 179.1 | 10 281.5 | 13 544.8 | 23 954.4 | 648.4 |
| Paterson-Clifton-Passaic, N.J. | 1 430 | 607 | 64.7 | 1 203.1 | 42.3 | 81.4 | 634.1 | 2 238.6 | 2 118.3 | 4 359.8 | 113.5 |
| Philadelphia, Pa.-N.J. | 7 493 | 2 894 | 406.1 | 8 404.5 | 249.0 | 479.3 | 4 222.5 | 17 501.0 | 25 908.5 | 43 715.2 | 1 040.2 |
| Portion in New Jersey | 1 530 | 563 | 68.6 | 1 390.6 | 45.4 | 88.1 | 798.2 | 3 023.0 | 5 192.5 | 8 180.5 | 230.2 |
| Portion in Pennsylvania | 5 963 | 2 331 | 337.5 | 7 014.0 | 203.6 | 391.2 | 3 424.4 | 14 478.0 | 20 716.0 | 35 534.7 | 810.0 |
| Trenton, N.J. | 454 | 164 | 29.1 | 628.8 | 16.1 | 29.8 | 289.9 | 1 004.3 | 912.2 | 1 926.9 | 49.9 |
| Vineland-Millville-Bridgeton, N.J. | 239 | 101 | 17.3 | 305.0 | 13.6 | 25.8 | 214.7 | 615.1 | 723.6 | 1 325.8 | 104.5 |
| Wilmington, Del.-N.J.-Md. | 512 | 200 | 61.8 | 1 725.5 | 26.2 | 49.2 | 530.8 | 2 042.2 | 5 116.3 | 7 249.8 | 344.1 |
| Portion in Delaware | 401 | 148 | 49.7 | 1 458.5 | 18.0 | 34.2 | 374.8 | 1 473.5 | 4 310.2 | 5 792.6 | 278.7 |
| Portion in Maryland | 53 | 24 | 3.9 | 69.5 | 2.7 | 5.3 | 42.8 | 119.0 | 162.7 | 295.5 | 6.9 |
| Portion in New Jersey | 58 | 28 | 8.2 | 197.5 | 5.5 | 9.7 | 113.2 | 449.7 | 643.4 | 1 161.7 | 58.5 |

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| Geographic area | All establishments ^{1 2} | | All employees ¹ | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) |
|---|-----------------------------------|---------------------------------------|----------------------------|------------------------------|--------------------|---------------------|----------------------------|--|---|--|---|
| | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| New Mexico | 1 223 | 299 | 33.0 | 521.2 | 22.2 | 41.8 | 296.6 | 1 397.7 | 2 431.8 | 3 815.4 | 120.8 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Albuquerque, N. Mex. | 578 | 138 | 18.0 | 291.5 | 11.8 | 22.1 | 157.9 | 613.2 | 666.1 | 1 280.3 | 59.3 |
| Las Cruces, N. Mex. | 58 | 19 | 2.0 | 24.4 | 1.6 | 2.9 | 15.5 | 81.9 | 55.8 | 139.1 | (D) |
| New York | 32 651 | 10 670 | 1 418.8 | 29 156.0 | 836.3 | 1 613.0 | 13 269.9 | 62 906.6 | 58 009.8 | 121 468.6 | 4 267.1 |
| STANDARD CONSOLIDATED STATISTICAL AREAS | | | | | | | | | | | |
| New York-Newark-Jersey City, N.Y.-N.J.-Conn. | 37 114 | 12 537 | 1 436.0 | 29 115.6 | 813.4 | 1 569.7 | 12 007.4 | 57 441.5 | 59 100.9 | 116 626.0 | 2 794.0 |
| Portion in Connecticut | 809 | 320 | 57.4 | 1 412.7 | 19.5 | 39.0 | 323.8 | 2 100.1 | 1 234.9 | 3 317.8 | 127.0 |
| Portion in New Jersey | 11 892 | 4 610 | 595.1 | 12 659.2 | 336.0 | 644.4 | 5 412.5 | 24 638.6 | 29 184.9 | 54 075.5 | 1 484.2 |
| Portion in New York | 24 413 | 7 607 | 783.5 | 15 043.7 | 457.9 | 886.3 | 6 271.2 | 30 702.8 | 28 681.1 | 59 232.6 | 1 182.8 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Albany-Schenectady-Troy, N.Y. | 740 | 285 | 52.1 | 1 142.0 | 28.8 | 56.3 | 506.0 | 2 510.9 | 2 359.5 | 4 887.4 | 233.3 |
| Binghamton, N.Y.-Pa. | 359 | 159 | 43.9 | 942.8 | 20.8 | 40.2 | 305.7 | 1 897.1 | 1 915.2 | 3 790.4 | 226.2 |
| Portion in New York | 308 | 139 | 41.2 | 910.1 | 18.6 | 36.1 | 282.5 | 1 823.1 | 1 872.6 | 3 685.3 | 216.7 |
| Portion in Pennsylvania | 51 | 20 | 2.7 | 32.6 | 2.2 | 4.1 | 23.2 | 74.0 | 42.6 | 105.1 | 9.5 |
| Buffalo, N.Y. | 1 604 | 599 | 112.8 | 2 583.0 | 75.3 | 143.2 | 1 606.2 | 5 334.0 | 5 647.2 | 11 100.2 | 552.5 |
| Elmira, N.Y. | 102 | 54 | 9.3 | 180.5 | 6.3 | 11.8 | 109.0 | 358.9 | 312.8 | 674.1 | 20.3 |
| Glens Falls, N.Y. | 183 | 58 | 10.1 | 190.3 | 7.5 | 14.6 | 123.7 | 445.0 | 480.5 | 942.8 | 27.9 |
| Nassau-Suffolk, N.Y. | 4 879 | 1 420 | 171.8 | 3 384.6 | 108.0 | 207.2 | 1 682.5 | 7 384.7 | 5 281.0 | 12 432.7 | 356.3 |
| New York, N.Y.-N.J. | 22 054 | 7 118 | 714.6 | 13 726.2 | 408.5 | 791.5 | 5 490.1 | 27 450.6 | 27 249.0 | 54 821.7 | 1 069.6 |
| Portion in New Jersey | 2 520 | 931 | 102.8 | 2 067.0 | 58.7 | 112.4 | 901.4 | 4 132.5 | 3 848.9 | 8 021.8 | 243.1 |
| Portion in New York | 19 534 | 6 187 | 611.8 | 11 659.2 | 349.9 | 679.1 | 4 588.7 | 23 318.1 | 23 400.1 | 46 799.9 | 826.5 |
| Newburgh-Middletown, N.Y. | 350 | 145 | 13.1 | 193.8 | 9.5 | 17.9 | 120.0 | 415.3 | 417.8 | 841.8 | 52.3 |
| Poughkeepsie, N.Y. | 248 | 85 | 32.8 | 927.3 | 12.7 | 25.0 | 221.1 | 1 528.5 | 3 179.8 | 4 704.6 | (D) |
| Rochester, N.Y. | 1 355 | 501 | 150.4 | 3 785.9 | 84.7 | 162.7 | 1 777.3 | 10 649.0 | 5 351.6 | 16 436.7 | 728.4 |
| Syracuse, N.Y. | 742 | 282 | 56.6 | 1 271.7 | 33.2 | 64.0 | 650.9 | 2 892.8 | 2 980.8 | 5 896.9 | 286.8 |
| Utica-Rome, N.Y. | 394 | 144 | 30.1 | 553.7 | 19.5 | 36.0 | 296.5 | 1 100.4 | 1 093.8 | 2 202.5 | 57.3 |
| North Carolina | 10 133 | 4 378 | 798.6 | 11 717.1 | 604.9 | 1 116.0 | 7 297.3 | 28 492.2 | 35 634.0 | 64 176.2 | 2 583.8 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Asheville, N.C. | 270 | 126 | 20.1 | 295.5 | 14.1 | 26.4 | 171.7 | 645.9 | 633.9 | 1 285.1 | 46.4 |
| Burlington, N.C. | 268 | 137 | 21.2 | 289.2 | 17.2 | 31.3 | 180.6 | 506.7 | 829.0 | 1 354.4 | 50.8 |
| Charlotte-Gastonia, N.C. | 1 499 | 611 | 93.6 | 1 481.7 | 64.0 | 119.6 | 780.1 | 3 281.2 | 4 451.5 | 7 641.3 | 353.4 |
| Fayetteville, N.C. | 137 | 58 | 10.3 | 181.3 | 8.1 | 15.0 | 129.0 | 517.2 | 778.6 | 1 284.0 | 22.9 |
| Greensboro-Winston-Salem-High Point, N.C. | 1 792 | 794 | 151.1 | 2 593.3 | 103.0 | 187.4 | 1 379.2 | 7 264.8 | 6 043.6 | 13 333.8 | 430.5 |
| Hickory, N.C. | 627 | 316 | 40.5 | 503.0 | 33.3 | 60.7 | 359.2 | 1 049.5 | 1 368.5 | 2 415.0 | 61.1 |
| Jacksonville, N.C. | 34 | 15 | 2.4 | 26.7 | 2.0 | 3.4 | 20.1 | 50.1 | 137.6 | 190.3 | (D) |
| Norfolk-Virginia Beach-Portsmouth, Va.-N.C. | 588 | 200 | 27.3 | 480.8 | 20.2 | 39.0 | 306.9 | 1 398.3 | 2 304.8 | 3 748.9 | 74.7 |
| Portion in Virginia | 582 | 199 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| Raleigh-Durham, N.C. | 606 | 205 | 48.8 | 940.6 | 26.9 | 50.3 | 391.3 | 2 349.2 | 2 994.3 | 5 310.3 | 141.8 |
| Salisbury-Concord, N.C. | 283 | 134 | 35.9 | 450.5 | 29.8 | 51.6 | 336.5 | 895.0 | 1 305.3 | 2 198.4 | 119.4 |
| Wilmington, N.C. | 190 | 68 | 12.7 | 268.7 | 8.9 | 17.0 | 151.0 | 724.0 | 1 130.8 | 1 825.4 | 87.6 |
| North Dakota | 587 | 142 | 14.8 | 245.6 | 9.7 | 18.0 | 141.2 | 652.1 | 1 820.5 | 2 465.0 | 101.1 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Bismarck, N. Dak. | 80 | 21 | 1.9 | 35.5 | 1.1 | 2.0 | 18.7 | 110.9 | 728.6 | 842.3 | 7.7 |
| Fargo-Moorhead, N. Dak.-Minn. | 150 | 45 | 4.7 | 81.0 | 3.1 | 5.6 | 46.0 | 207.4 | 427.5 | 628.4 | 17.2 |
| Portion in Minnesota | 33 | 6 | 1.1 | 19.4 | .8 | 1.5 | 11.1 | 39.4 | 58.3 | 95.8 | 6.1 |
| Portion in North Dakota | 117 | 39 | 3.5 | 61.6 | 2.3 | 4.1 | 34.9 | 168.0 | 369.2 | 532.6 | 11.1 |
| Grand Forks, N. Dak.-Minn. | 80 | 21 | 2.9 | 41.8 | 2.2 | 3.9 | 29.2 | 105.5 | 215.2 | 327.9 | 8.5 |
| Portion in Minnesota | 42 | 11 | 1.7 | 22.9 | 1.5 | 2.3 | 17.1 | 56.6 | 129.0 | 191.6 | 3.8 |
| Portion in North Dakota | 38 | 10 | 1.1 | 18.9 | .8 | 1.6 | 12.1 | 48.9 | 86.3 | 136.3 | 4.8 |
| Ohio | 16 960 | 6 515 | 1 102.0 | 24 740.1 | 694.9 | 1 326.3 | 13 816.3 | 49 640.9 | 61 943.9 | 112 277.6 | 4 216.3 |
| STANDARD CONSOLIDATED STATISTICAL AREAS | | | | | | | | | | | |
| Cincinnati-Hamilton, Ohio-Ky.-Ind. | 2 328 | 929 | 175.2 | 4 037.6 | 99.6 | 192.6 | 1 975.9 | 8 577.2 | 9 582.7 | 18 365.3 | 642.3 |
| Portion in Indiana | 29 | 14 | 2.9 | 69.1 | 2.3 | 4.7 | 49.2 | 180.1 | 147.9 | 327.1 | 7.2 |
| Portion in Kentucky | 234 | 91 | 11.3 | 205.7 | 7.1 | 13.6 | 116.1 | 404.7 | 459.4 | 871.4 | 27.7 |
| Portion in Ohio | 2 065 | 824 | 161.0 | 3 763.8 | 90.2 | 174.4 | 1 810.6 | 7 992.4 | 8 975.3 | 17 166.7 | 607.4 |
| Cleveland-Akron-Lorain, Ohio | 5 768 | 2 079 | 318.4 | 7 348.0 | 188.2 | 359.9 | 3 738.5 | 12 721.9 | 13 558.2 | 26 561.3 | 1 119.0 |
| Dayton-Springfield, Ohio | 1 633 | 609 | 101.7 | 2 334.2 | 63.1 | 122.3 | 1 305.8 | 4 199.8 | 4 802.6 | 9 069.1 | 270.3 |

See footnotes at end of table.

Table 3. Selected Statistics for All Manufacturing Establishments by State and Standard Metropolitan Statistical Area: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Geographic area | All establishments ^{1 2} | | All employees ¹ | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) |
|---|-----------------------------------|------------------------------------|----------------------------|---------------------------|--------------------|------------------|-------------------------|---|--|---|--|
| | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| Ohio—Con. | | | | | | | | | | | |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Akron, Ohio | 1 131 | 416 | 64.8 | 1 572.7 | 35.5 | 67.2 | 668.3 | 1 995.5 | 2 033.3 | 4 129.0 | 166.6 |
| Canton, Ohio | 602 | 224 | 48.3 | 1 089.2 | 31.9 | 58.0 | 658.5 | 2 079.3 | 2 930.3 | 5 087.5 | 153.6 |
| Cincinnati, Ohio-Ky.-Ind. | 2 078 | 829 | 149.8 | 3 379.9 | 83.1 | 160.8 | 1 568.9 | 7 510.3 | 8 248.7 | 15 895.3 | 438.9 |
| Portion in Indiana | 29 | 14 | 2.9 | 68.1 | 2.3 | 4.7 | 49.2 | 180.1 | 147.9 | 327.1 | 7.2 |
| Portion in Kentucky | 234 | 91 | 11.3 | 205.7 | 7.1 | 13.6 | 116.1 | 404.7 | 459.4 | 871.4 | 27.7 |
| Portion in Ohio | 1 815 | 724 | 135.6 | 3 106.1 | 73.7 | 142.5 | 1 403.6 | 6 925.5 | 7 641.4 | 14 696.7 | 404.1 |
| Cleveland, Ohio | 4 297 | 1 530 | 223.6 | 5 059.9 | 132.2 | 254.5 | 2 605.2 | 8 799.4 | 9 167.4 | 18 102.7 | 791.6 |
| Columbus, Ohio | 1 315 | 525 | 86.0 | 1 853.9 | 49.7 | 95.5 | 937.2 | 4 182.4 | 3 797.3 | 7 983.8 | 198.6 |
| Dayton, Ohio | 1 364 | 510 | 86.9 | 2 038.4 | 52.4 | 101.9 | 1 106.6 | 3 530.9 | 3 994.3 | 7 587.0 | 244.3 |
| Hamilton-Middletown, Ohio | 250 | 100 | 25.4 | 657.7 | 16.5 | 31.9 | 407.0 | 1 066.9 | 1 334.0 | 2 470.0 | 203.3 |
| Huntington-Ashland, W. Va.-Ky.-Ohio | 288 | 108 | 22.5 | 521.7 | 14.8 | 26.1 | 311.2 | 799.6 | 3 347.3 | 4 218.0 | 139.8 |
| Portion in Kentucky | 74 | 34 | 10.2 | 267.6 | 6.1 | 10.2 | 148.5 | 294.2 | 2 698.0 | 3 025.4 | 103.0 |
| Portion in Ohio | 47 | 14 | 1.9 | 41.5 | 1.5 | 2.8 | 32.9 | 75.4 | 172.4 | 249.5 | 4.4 |
| Portion in West Virginia | 167 | 60 | 10.4 | 212.6 | 7.2 | 13.1 | 129.8 | 430.0 | 477.0 | 943.1 | 32.5 |
| Lima, Ohio | 316 | 129 | 26.2 | 565.4 | 18.7 | 36.5 | 370.3 | 1 591.5 | 3 836.6 | 5 318.1 | 194.4 |
| Lorain-Elyria, Ohio | 340 | 133 | 29.9 | 715.4 | 20.6 | 38.2 | 465.0 | 1 927.0 | 2 357.5 | 4 329.5 | 160.8 |
| Mansfield, Ohio | 203 | 89 | 17.6 | 367.3 | 12.6 | 23.2 | 242.8 | 732.6 | 726.4 | 1 459.8 | 37.3 |
| Newark, Ohio | 131 | 48 | 10.1 | 233.2 | 6.9 | 13.2 | 147.1 | 548.6 | 545.3 | 1 099.3 | 48.2 |
| Parkersburg-Marietta, W. Va.-Ohio | 186 | 64 | 13.8 | 316.4 | 9.1 | 17.6 | 187.6 | 964.9 | 1 058.9 | 2 017.0 | 216.3 |
| Portion in Ohio | 93 | 24 | 4.7 | 105.7 | 3.0 | 5.8 | 59.5 | 270.0 | 486.1 | 745.9 | 155.3 |
| Portion in West Virginia | 93 | 40 | 9.1 | 210.7 | 6.1 | 11.8 | 128.1 | 694.8 | 572.8 | 1 271.1 | 61.1 |
| Springfield, Ohio | 269 | 99 | 14.7 | 295.7 | 10.7 | 20.5 | 199.2 | 668.9 | 808.3 | 1 482.1 | 26.0 |
| Steubenville-Weirton, Ohio-W. Va. | 107 | 57 | 18.9 | 516.3 | 13.5 | 24.9 | 366.1 | 821.1 | 1 825.6 | 2 685.8 | 108.4 |
| Portion in Ohio | 50 | 20 | 5.3 | 140.5 | 4.0 | 7.2 | 105.5 | 295.8 | 648.2 | 956.1 | 88.0 |
| Portion in West Virginia | 57 | 37 | 13.6 | 375.8 | 9.6 | 17.7 | 260.7 | 525.4 | 1 177.4 | 1 729.8 | 20.4 |
| Toledo, Ohio-Mich. | 1 191 | 433 | 70.5 | 1 748.2 | 44.7 | 87.8 | 990.9 | 3 690.4 | 6 720.1 | 10 403.4 | 341.0 |
| Portion in Michigan | 126 | 41 | 7.6 | 194.5 | 5.3 | 10.2 | 128.8 | 362.4 | 501.7 | 880.3 | 49.1 |
| Portion in Ohio | 1 065 | 392 | 62.8 | 1 553.7 | 39.5 | 77.6 | 862.1 | 3 328.0 | 6 218.3 | 9 523.1 | 291.9 |
| Wheeling, W. Va.-Ohio | 151 | 66 | 9.6 | 198.9 | 6.6 | 11.8 | 125.5 | 354.7 | 705.7 | 1 077.1 | 68.8 |
| Portion in Ohio | 65 | 23 | 3.3 | 60.1 | 2.6 | 4.1 | 42.0 | 151.3 | 274.5 | 431.4 | 7.8 |
| Portion in West Virginia | 86 | 43 | 6.4 | 138.9 | 4.0 | 7.7 | 83.6 | 203.5 | 431.2 | 645.7 | 61.0 |
| Youngstown-Warren, Ohio | 596 | 236 | 51.8 | 1 319.6 | 36.9 | 69.1 | 904.7 | 2 135.6 | 3 774.8 | 5 972.1 | 165.1 |
| Oklahoma..... | 4 168 | 1 248 | 196.9 | 4 009.9 | 121.1 | 233.6 | 2 065.1 | 8 143.0 | 14 999.7 | 23 116.1 | 841.3 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Enid, Okla. | 71 | 17 | 2.3 | 48.7 | 1.5 | 3.3 | 30.8 | 142.0 | 928.4 | 1 039.2 | 13.0 |
| Fort Smith, Ark.-Okla. | 335 | 134 | 19.7 | 300.8 | 15.3 | 29.2 | 203.2 | 828.6 | 1 177.4 | 2 022.8 | 104.4 |
| Portion in Arkansas | 269 | 121 | 18.4 | 284.1 | 14.3 | 27.3 | 190.6 | 782.9 | 1 118.8 | 1 916.5 | 102.8 |
| Portion in Oklahoma | 66 | 13 | 1.3 | 16.7 | 1.0 | 1.9 | 12.6 | 45.7 | 58.6 | 106.3 | 1.6 |
| Lawton, Okla. | 52 | 15 | 2.7 | 51.6 | 2.0 | 4.0 | 35.1 | 216.6 | 145.7 | 362.7 | (D) |
| Oklahoma City, Okla. | 1 142 | 349 | 53.9 | 1 054.9 | 33.2 | 65.0 | 566.3 | 2 433.8 | 3 282.3 | 5 621.0 | 208.2 |
| Tulsa, Okla. | 1 499 | 467 | 69.6 | 1 511.4 | 40.9 | 79.4 | 776.6 | 2 724.8 | 3 938.9 | 6 801.8 | 290.5 |
| Oregon | 5 659 | 1 443 | 185.1 | 3 783.2 | 129.6 | 237.9 | 2 333.7 | 7 973.0 | 9 883.4 | 17 897.3 | 644.0 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Eugene-Springfield, Ore. | 632 | 157 | 16.8 | 338.8 | 13.1 | 23.9 | 247.7 | 637.7 | 1 185.7 | 1 848.1 | 58.6 |
| Medford, Ore. | 261 | 62 | 5.7 | 110.1 | 4.6 | 8.6 | 82.1 | 220.0 | 416.6 | 661.6 | 15.7 |
| Portland, Ore.-Wash. | 2 524 | 714 | 101.5 | 2 165.9 | 62.8 | 115.0 | 1 114.3 | 4 915.2 | 4 523.7 | 9 388.1 | 347.4 |
| Portion in Oregon | 2 254 | 631 | 88.4 | 1 898.5 | 53.1 | 97.5 | 937.6 | 4 228.9 | 3 539.6 | 7 719.8 | 285.4 |
| Portion in Washington | 270 | 83 | 13.1 | 267.4 | 9.7 | 17.6 | 176.7 | 686.3 | 984.1 | 1 668.2 | 62.0 |
| Salem, Ore. | 424 | 106 | 12.6 | 202.0 | 9.9 | 16.7 | 139.4 | 471.0 | 654.7 | 1 128.9 | 34.8 |
| Pennsylvania..... | 17 666 | 7 497 | 1 180.0 | 23 314.5 | 772.2 | 1 435.9 | 12 855.6 | 44 824.1 | 56 542.0 | 102 939.9 | 3 390.9 |
| STANDARD CONSOLIDATED STATISTICAL AREAS | | | | | | | | | | | |
| Philadelphia-Wilmington-Trenton, Pa.-Del.-N.J.-Md. | 8 459 | 3 258 | 497.0 | 10 758.8 | 291.2 | 558.4 | 5 043.2 | 20 547.5 | 31 937.0 | 52 891.8 | 1 434.2 |
| Portion in Delaware | 401 | 148 | 49.7 | 1 458.5 | 18.0 | 34.2 | 374.8 | 1 473.5 | 4 310.2 | 5 792.6 | 278.7 |
| Portion in Maryland | 53 | 24 | 3.9 | 69.5 | 2.7 | 5.3 | 42.8 | 119.0 | 162.7 | 295.5 | 6.9 |
| Portion in New Jersey | 2 042 | 755 | 105.8 | 2 216.8 | 66.9 | 127.6 | 1 201.3 | 4 477.0 | 6 748.1 | 11 269.1 | 338.6 |
| Portion in Pennsylvania | 5 963 | 2 331 | 337.5 | 7 014.0 | 203.6 | 391.2 | 3 424.4 | 14 478.0 | 20 716.0 | 35 534.7 | 810.0 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Allentown-Bethlehem-Easton, Pa.-N.J. | 1 121 | 581 | 97.5 | 1 955.0 | 63.2 | 113.1 | 1 038.2 | 3 626.7 | 3 950.5 | 7 690.7 | 343.1 |
| Portion in New Jersey | 147 | 64 | 11.5 | 252.2 | 6.8 | 13.1 | 131.0 | 706.2 | 733.0 | 1 470.3 | 71.3 |
| Portion in Pennsylvania | 974 | 517 | 86.0 | 1 702.8 | 56.3 | 100.0 | 907.2 | 2 920.4 | 3 217.5 | 6 220.4 | 271.8 |
| Altoona, Pa. | 135 | 62 | 11.6 | 182.4 | 8.7 | 15.4 | 124.6 | 442.2 | 410.2 | 847.8 | 42.6 |
| Binghamton, N.Y.-Pa. | 359 | 159 | 43.9 | 942.8 | 20.8 | 40.2 | 305.7 | 1 897.1 | 1 915.2 | 3 790.4 | 226.2 |
| Portion in New York | 308 | 139 | 41.2 | 910.1 | 18.6 | 36.1 | 282.5 | 1 823.1 | 1 872.6 | 3 685.3 | 216.7 |
| Portion in Pennsylvania | 51 | 20 | 2.7 | 32.6 | 2.2 | 4.1 | 23.2 | 74.0 | 42.6 | 105.1 | 9.5 |
| Erie, Pa. | 506 | 215 | 37.7 | 795.1 | 24.3 | 46.4 | 446.7 | 1 630.9 | 1 344.4 | 3 099.1 | 172.5 |
| Harrisburg, Pa. | 476 | 211 | 42.0 | 793.3 | 26.9 | 49.0 | 433.6 | 1 807.3 | 2 060.4 | 3 860.6 | 185.4 |
| Johnstown, Pa. | 256 | 92 | 14.2 | 242.9 | 10.7 | 17.8 | 163.3 | 349.6 | 469.9 | 859.9 | 41.0 |
| Lancaster, Pa. | 773 | 355 | 57.3 | 1 028.3 | 39.6 | 74.7 | 602.5 | 2 237.7 | 2 499.4 | 4 745.0 | 167.1 |
| Northeast Pennsylvania | 1 121 | 588 | 64.5 | 890.4 | 50.8 | 90.9 | 601.5 | 1 896.9 | 1 689.7 | 3 613.5 | 108.8 |

See footnotes at end of table.

Table 3. Selected Statistics for All Manufacturing Establishments by State and Standard Metropolitan Statistical Area: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Geographic area | All establishments ^{1 2} | | All employees ¹ | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) |
|---|-----------------------------------|---------------------------------------|----------------------------|------------------------------|--------------------|---------------------|----------------------------|--|---|--|---|
| | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| Pennsylvania—Con. | | | | | | | | | | | |
| STANDARD METROPOLITAN STATISTICAL AREAS—Con. | | | | | | | | | | | |
| Philadelphia, Pa.-N.J. | 7 493 | 2 894 | 406.1 | 8 404.5 | 249.0 | 479.3 | 4 222.5 | 17 501.0 | 25 908.5 | 43 715.2 | 1 040.2 |
| Portion in New Jersey | 1 530 | 563 | 68.6 | 1 390.6 | 45.4 | 88.1 | 798.2 | 3 023.0 | 5 192.5 | 8 180.5 | 230.2 |
| Portion in Pennsylvania | 5 963 | 2 331 | 337.5 | 7 014.0 | 203.6 | 391.2 | 3 424.4 | 14 478.0 | 20 716.0 | 35 534.7 | 810.0 |
| Pittsburgh, Pa. | 2 536 | 946 | 193.1 | 4 733.0 | 104.5 | 190.8 | 2 280.8 | 6 146.2 | 9 168.5 | 15 902.0 | 546.8 |
| Reading, Pa. | 613 | 299 | 49.3 | 929.4 | 35.0 | 65.7 | 574.8 | 1 910.4 | 2 056.3 | 3 996.7 | 205.3 |
| Sharon, Pa. | 158 | 64 | 12.9 | 306.3 | 9.4 | 17.2 | 217.2 | 530.0 | 864.3 | 1 526.5 | 29.7 |
| State College, Pa. | 127 | 43 | 7.7 | 115.6 | 5.3 | 10.3 | 72.7 | 253.3 | 210.2 | 469.2 | 19.7 |
| Williamsport, Pa. | 193 | 89 | 14.8 | 261.8 | 10.7 | 20.3 | 170.8 | 613.7 | 596.7 | 1 211.0 | 38.6 |
| York, Pa. | 737 | 362 | 59.6 | 1 069.7 | 42.3 | 79.4 | 657.5 | 2 278.3 | 2 316.2 | 4 620.7 | 138.9 |
| Rhode Island | 2 855 | 940 | 113.8 | 1 759.5 | 82.6 | 157.4 | 1 051.9 | 3 792.7 | 3 833.2 | 7 651.7 | 183.8 |
| STANDARD CONSOLIDATED STATISTICAL AREAS | | | | | | | | | | | |
| Providence-Fall River, R.I.-Mass. | 3 365 | 1 165 | 144.5 | 2 161.3 | 104.7 | 198.8 | 1 287.1 | 4 626.5 | 5 347.0 | 9 980.3 | 234.0 |
| Portion in Massachusetts | 624 | 268 | 39.0 | 554.6 | 28.7 | 54.7 | 345.0 | 1 131.5 | 1 735.6 | 2 847.0 | 57.3 |
| Portion in Rhode Island | 2 741 | 897 | 105.5 | 1 606.6 | 76.0 | 144.1 | 942.1 | 3 495.0 | 3 611.4 | 7 133.3 | 176.7 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Fall River, Mass.-R.I. | 300 | 151 | 22.3 | 299.7 | 17.2 | 31.4 | 186.9 | 598.9 | 517.5 | 1 094.6 | 36.1 |
| Portion in Massachusetts | 276 | 143 | 18.6 | 222.4 | 15.5 | 28.0 | 160.1 | 452.4 | 427.5 | 857.3 | 21.5 |
| Portion in Rhode Island | 24 | 8 | 3.6 | 77.2 | 1.6 | 3.4 | 26.7 | 146.5 | 90.0 | 237.3 | 14.7 |
| New London-Norwich, Conn.-R.I. | 315 | 119 | 37.6 | 798.5 | 22.7 | 46.1 | 403.7 | 1 532.0 | 1 014.5 | 2 551.4 | 75.5 |
| Portion in Connecticut | 276 | 101 | 35.6 | 769.5 | 21.1 | 43.1 | 384.0 | 1 457.5 | 940.1 | 2 403.3 | 72.1 |
| Portion in Rhode Island | 39 | 18 | 2.1 | 29.0 | 1.6 | 3.0 | 19.7 | 74.5 | 74.4 | 148.1 | 3.4 |
| Providence-Warwick-Pawtucket, R.I.-Mass. | 3 065 | 1 014 | 122.2 | 1 861.6 | 87.5 | 167.4 | 1 100.2 | 4 027.6 | 4 829.5 | 8 885.7 | 197.9 |
| Portion in Massachusetts | 348 | 125 | 20.4 | 332.2 | 13.2 | 26.7 | 184.8 | 679.1 | 1 308.1 | 1 989.7 | 35.8 |
| Portion in Rhode Island | 2 717 | 889 | 101.8 | 1 529.4 | 74.3 | 140.6 | 915.4 | 3 348.5 | 3 521.4 | 6 896.0 | 162.1 |
| South Carolina | 4 206 | 1 723 | 367.5 | 5 539.5 | 279.4 | 522.2 | 3 576.4 | 12 218.7 | 15 500.1 | 27 835.8 | 1 503.0 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Anderson, S.C. | 167 | 80 | 22.1 | 323.5 | 18.2 | 34.2 | 232.1 | 631.2 | 828.1 | 1 482.7 | 66.7 |
| Augusta, Ga.-S.C. | 277 | 131 | 34.5 | 671.3 | 22.7 | 44.9 | 368.9 | 2 014.5 | 1 576.4 | 3 593.0 | 258.2 |
| Portion in Georgia | 188 | 85 | 14.4 | 253.5 | 10.1 | 20.1 | 157.1 | 762.1 | 1 105.6 | 1 865.9 | 186.0 |
| Portion in South Carolina | 89 | 46 | 20.1 | 417.8 | 12.5 | 24.8 | 211.8 | 1 252.4 | 470.8 | 1 727.1 | 72.2 |
| Charleston-North Charleston, S.C. | 336 | 118 | 19.4 | 359.5 | 13.9 | 26.8 | 223.0 | 941.6 | 1 435.5 | 2 334.0 | 186.1 |
| Columbia, S.C. | 434 | 168 | 25.9 | 424.3 | 17.8 | 32.4 | 241.6 | 908.5 | 1 381.2 | 2 311.2 | 138.2 |
| Florence, S.C. | 125 | 57 | 12.2 | 190.9 | 9.6 | 17.8 | 129.8 | 394.5 | 425.3 | 820.2 | 49.8 |
| Greenville-Spartanburg, S.C. | 1 054 | 489 | 103.2 | 1 578.5 | 74.8 | 141.0 | 957.6 | 3 142.0 | 3 891.1 | 7 062.7 | 352.0 |
| Rock Hill, S.C. | 161 | 65 | 11.9 | 196.0 | 8.9 | 16.5 | 127.1 | 403.7 | 567.6 | 975.8 | 82.4 |
| South Dakota | 748 | 205 | 24.5 | 397.9 | 17.5 | 32.6 | 261.9 | 1 100.2 | 1 905.1 | 3 005.2 | 62.3 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Sioux Falls, S. Dak. | 132 | 46 | 8.3 | 161.7 | 5.8 | 10.8 | 107.4 | 455.0 | 857.6 | 1 315.0 | (D) |
| Tennessee | 6 417 | 2 617 | 461.6 | 7 377.7 | 337.5 | 629.8 | 4 602.9 | 17 822.9 | 22 634.9 | 40 776.5 | 2 061.5 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Chattanooga, Tenn.-Ga. | 656 | 284 | 45.8 | 763.5 | 33.9 | 64.5 | 487.5 | 1 703.2 | 2 714.5 | 4 479.6 | 116.3 |
| Portion in Georgia | 137 | 59 | 8.0 | 108.4 | 6.4 | 12.8 | 73.4 | 301.5 | 738.6 | 1 041.7 | 17.6 |
| Portion in Tennessee | 519 | 225 | 37.8 | 655.0 | 27.4 | 51.8 | 414.2 | 1 401.7 | 1 975.9 | 3 438.0 | 98.7 |
| Clarksville-Hopkinsville, Tenn.-Ky. | 114 | 50 | 9.4 | 131.1 | 6.5 | 11.2 | 79.8 | 291.6 | 368.3 | 676.5 | 25.8 |
| Portion in Kentucky | 53 | 26 | 3.1 | 41.8 | 2.4 | 4.2 | 27.5 | 85.5 | 144.7 | 233.2 | 6.9 |
| Portion in Tennessee | 61 | 24 | 6.2 | 89.3 | 4.1 | 7.0 | 52.3 | 206.0 | 223.6 | 443.3 | 18.9 |
| Johnson City-Kingsport-Bristol, Tenn.-Va. | 445 | 196 | 52.9 | 965.8 | 37.3 | 70.6 | 580.0 | 2 227.4 | 2 924.5 | 5 102.7 | 401.7 |
| Portion in Tennessee | 335 | 146 | 44.0 | 837.4 | 30.6 | 58.2 | 490.4 | 1 875.4 | 2 345.7 | 4 174.7 | 387.8 |
| Portion in Virginia | 110 | 50 | 8.9 | 128.4 | 6.7 | 12.4 | 89.6 | 351.9 | 578.8 | 928.0 | 14.0 |
| Knoxville, Tenn. | 580 | 203 | 39.3 | 713.8 | 28.0 | 52.1 | 443.8 | 1 625.0 | 1 814.8 | 3 497.3 | 93.9 |
| Memphis, Tenn.-Ark.-Miss. | 1 096 | 474 | 60.5 | 1 100.8 | 40.2 | 77.9 | 619.1 | 3 007.9 | 4 558.3 | 7 625.3 | 235.1 |
| Portion in Arkansas | 46 | 23 | 1.8 | 24.7 | 1.4 | 2.8 | 16.4 | 47.4 | 120.3 | 167.0 | 3.6 |
| Portion in Mississippi | 72 | 39 | 4.4 | 69.8 | 3.0 | 6.0 | 41.1 | 198.3 | 221.8 | 421.4 | 15.7 |
| Portion in Tennessee | 978 | 412 | 54.3 | 1 006.4 | 35.9 | 69.1 | 561.5 | 2 762.1 | 4 216.3 | 7 037.0 | 215.8 |
| Nashville-Davidson, Tenn. | 1 357 | 510 | 79.0 | 1 350.3 | 51.9 | 99.0 | 750.8 | 2 707.0 | 3 493.1 | 6 327.8 | 603.2 |

See footnotes at end of table.

Table 3. Selected Statistics for All Manufacturing Establishments by State and Standard Metropolitan Statistical Area: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Geographic area | All establishments ^{1 2} | | All employees ¹ | | Production workers | | | Value added by manufacture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) |
|--|-----------------------------------|---------------------------------------|----------------------------|------------------------------|--------------------|---------------------|----------------------------|--|---|--|---|
| | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| Texas | 20 288 | 7 006 | 1 058.5 | 21 434.9 | 669.5 | 1 306.0 | 11 232.8 | 53 357.8 | 117 599.8 | 171 674.3 | 8 193.2 |
| STANDARD CONSOLIDATED STATISTICAL AREAS | | | | | | | | | | | |
| Houston-Galveston, Tex. | 5 134 | 1 825 | 275.3 | 6 805.7 | 155.3 | 312.3 | 3 291.2 | 16 945.7 | 46 109.6 | 63 445.3 | 2 808.6 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Abilene, Tex. | 169 | 55 | 6.0 | 94.3 | 4.2 | 8.7 | 53.9 | 320.8 | 1 192.4 | 1 534.4 | 46.6 |
| Amarillo, Tex. | 195 | 59 | 12.6 | 230.1 | 8.3 | 16.6 | 139.6 | 555.1 | 2 174.0 | 2 685.4 | 41.7 |
| Austin, Tex. | 680 | 189 | 33.7 | 662.8 | 17.0 | 30.4 | 221.1 | 1 719.9 | 1 045.0 | 2 780.2 | 285.3 |
| Beaumont-Port Arthur-Orange, Tex. | 353 | 134 | 37.3 | 992.2 | 25.0 | 48.4 | 580.8 | 2 883.2 | 16 662.6 | 19 710.2 | 757.4 |
| Brownsville-Harlingen-San Benito, Tex. | 187 | 78 | 11.4 | 146.7 | 8.6 | 15.4 | 98.9 | 334.5 | 521.9 | 866.7 | 28.6 |
| Bryan-College Station, Tex. | 72 | 27 | 3.2 | 48.9 | 2.2 | 4.2 | 28.7 | 138.6 | 137.7 | 272.5 | 25.4 |
| Corpus Christi, Tex. | 276 | 104 | 14.9 | 329.6 | 9.4 | 18.5 | 191.3 | 942.0 | 8 177.4 | 9 087.2 | 985.5 |
| Dallas-Fort Worth, Tex. | 6 115 | 2 144 | 323.9 | 6 504.9 | 190.4 | 375.0 | 3 066.8 | 14 715.9 | 15 381.7 | 30 168.5 | 1 034.2 |
| El Paso, Tex. | 471 | 184 | 38.3 | 465.9 | 30.5 | 54.9 | 319.8 | 1 627.7 | 2 553.6 | 4 221.0 | 78.8 |
| Galveston-Texas City, Tex. | 135 | 50 | 11.3 | 317.3 | 7.8 | 15.9 | 204.7 | 2 167.9 | 9 171.4 | 11 429.1 | 444.1 |
| Houston, Tex. | 4 999 | 1 775 | 264.1 | 6 488.4 | 147.5 | 296.4 | 3 086.5 | 14 777.8 | 36 938.1 | 52 016.2 | 2 364.4 |
| Killeen-Temple, Tex. | 138 | 52 | 7.3 | 110.1 | 5.4 | 10.0 | 66.0 | 337.3 | 275.3 | 623.1 | 31.2 |
| Laredo, Tex. | 56 | 19 | 1.5 | 16.8 | .9 | 1.7 | 7.7 | 32.8 | 43.8 | 74.8 | 5.0 |
| Longview-Marshall, Tex. | 286 | 112 | 16.0 | 336.3 | 11.5 | 22.2 | 216.0 | 913.9 | 1 277.3 | 2 204.9 | 235.2 |
| Lubbock, Tex. | 292 | 82 | 11.7 | 197.7 | 7.8 | 16.0 | 109.9 | 355.5 | 583.7 | 949.5 | 46.9 |
| McAllen-Pharr-Edinburg, Tex. | 171 | 63 | 7.1 | 79.2 | 5.4 | 10.2 | 52.1 | 211.9 | 334.1 | 547.0 | 12.0 |
| Midland, Tex. | 139 | 41 | 4.3 | 92.3 | 2.6 | 5.7 | 44.1 | 213.1 | 214.0 | 427.7 | 32.6 |
| Odessa, Tex. | 324 | 106 | 9.0 | 196.9 | 6.0 | 12.2 | 115.2 | 571.4 | 979.8 | 1 559.7 | 60.6 |
| San Angelo, Tex. | 101 | 32 | 5.1 | 70.2 | 3.4 | 6.2 | 40.1 | 179.6 | 193.6 | 362.6 | 13.6 |
| San Antonio, Tex. | 1 023 | 350 | 50.6 | 786.1 | 33.8 | 63.6 | 419.3 | 1 703.3 | 2 049.7 | 3 758.1 | 206.5 |
| Sherman-Denison, Tex. | 127 | 57 | 11.1 | 223.0 | 8.1 | 16.1 | 139.6 | 662.4 | 815.5 | 1 490.7 | 37.8 |
| Texarkana, Tex.-Texarkana, Ark. | 127 | 43 | 8.4 | 178.1 | 6.2 | 11.4 | 119.9 | 464.7 | 582.4 | 1 025.5 | 44.3 |
| Portion in Arkansas | 44 | 11 | 3.9 | 98.5 | 3.0 | 6.1 | 73.6 | 257.2 | 328.6 | 571.2 | 29.2 |
| Portion in Texas | 83 | 32 | 4.4 | 79.6 | 3.2 | 5.4 | 46.3 | 207.5 | 253.8 | 454.3 | 15.2 |
| Tyler, Tex. | 167 | 55 | 12.3 | 221.4 | 9.1 | 15.9 | 144.8 | 499.8 | 1 127.6 | 1 632.7 | 24.1 |
| Victoria, Tex. | 62 | 18 | 3.6 | 85.1 | 2.4 | 4.7 | 50.2 | 261.3 | 372.8 | 644.2 | (D) |
| Waco, Tex. | 261 | 116 | 14.9 | 237.1 | 11.3 | 21.0 | 153.7 | 602.5 | 728.5 | 1 328.1 | 48.1 |
| Wichita Falls, Tex. | 178 | 60 | 9.7 | 170.3 | 6.8 | 12.7 | 104.6 | 437.0 | 432.5 | 860.0 | 39.7 |
| Utah | 1 962 | 579 | 83.2 | 1 538.8 | 54.2 | 103.0 | 837.0 | 3 455.1 | 5 423.4 | 8 960.0 | 327.6 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Provo-Orem, Utah | 267 | 73 | 11.5 | 216.6 | 8.6 | 15.4 | 150.8 | 205.4 | 387.4 | 618.5 | 65.7 |
| Salt Lake City-Ogden, Utah | 1 385 | 417 | 57.8 | 1 065.9 | 36.0 | 68.7 | 539.7 | 2 638.0 | 4 036.6 | 6 713.2 | 226.7 |
| Vermont | 1 104 | 310 | 46.8 | 862.7 | 30.0 | 56.2 | 433.8 | 2 036.8 | 1 682.6 | 3 730.4 | 270.9 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Burlington, Vt. | 154 | 45 | 15.3 | 368.5 | 6.0 | 10.4 | 93.6 | 916.5 | 512.8 | 1 425.2 | (D) |
| Virginia | 5 568 | 2 036 | 391.1 | 6 649.0 | 287.4 | 541.1 | 4 191.7 | 17 255.6 | 19 662.3 | 36 802.7 | 1 522.9 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Charlottesville, Va. | 120 | 31 | 7.6 | 129.1 | 4.9 | 9.2 | 64.5 | 283.5 | 267.3 | 554.0 | 39.3 |
| Danville, Va. | 104 | 48 | 18.9 | 279.0 | 15.1 | 28.3 | 200.4 | 614.8 | 1 041.1 | 1 641.5 | 58.5 |
| Johnson City-Kingsport-Bristol, Tenn.-Va. | 445 | 196 | 52.9 | 965.8 | 37.3 | 70.6 | 580.0 | 2 227.4 | 2 924.5 | 5 102.7 | 401.7 |
| Portion in Tennessee | 335 | 146 | 44.0 | 837.4 | 30.6 | 58.2 | 490.4 | 1 875.4 | 2 345.7 | 4 174.7 | 387.8 |
| Portion in Virginia | 110 | 50 | 8.9 | 128.4 | 6.7 | 12.4 | 89.6 | 351.9 | 578.8 | 928.0 | 14.0 |
| Lynchburg, Va. | 231 | 101 | 24.3 | 407.5 | 17.0 | 30.7 | 236.7 | 1 044.0 | 820.6 | 1 766.6 | 43.2 |
| Newport News-Hampton, Va. | 240 | 91 | 35.0 | 631.8 | 27.7 | 53.6 | 532.1 | 1 429.7 | 1 849.0 | 3 288.4 | 127.2 |
| Norfolk-Virginia Beach-Portsmouth, Va.-N.C. | 588 | 200 | 27.3 | 480.8 | 20.2 | 39.0 | 306.9 | 1 398.3 | 2 304.8 | 3 748.9 | (D) |
| Portion in Virginia | 582 | 199 | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) | (D) |
| Petersburg-Colonial Heights-Hopewell, Va. | 120 | 53 | 11.6 | 257.9 | 8.2 | 16.7 | 168.7 | 867.1 | 909.4 | 1 768.3 | 164.8 |
| Richmond, Va. | 780 | 292 | 54.4 | 1 225.4 | 34.9 | 64.7 | 660.3 | 3 975.5 | 3 492.1 | 7 408.5 | 400.8 |
| Roanoke, Va. | 265 | 111 | 19.1 | 332.8 | 13.0 | 25.2 | 193.5 | 705.5 | 624.9 | 1 351.9 | 60.7 |
| Washington, D.C.-Md.-Va. | 2 223 | 586 | 70.8 | 1 571.3 | 33.0 | 63.6 | 554.9 | 3 144.6 | 2 502.7 | 5 617.5 | 225.9 |
| Portion in District of Columbia | 514 | 127 | 16.7 | 393.7 | 6.4 | 12.0 | 125.3 | 928.6 | 606.4 | 1 537.1 | 55.1 |
| Portion in Maryland | 936 | 255 | 30.4 | 656.4 | 15.2 | 29.6 | 246.2 | 1 148.7 | 1 118.3 | 2 233.5 | 82.3 |
| Portion in Virginia | 773 | 204 | 23.7 | 521.2 | 11.4 | 22.0 | 183.4 | 1 067.3 | 778.1 | 1 846.9 | 88.6 |
| Washington | 6 788 | 1 707 | 291.4 | 6 680.6 | 177.6 | 327.0 | 3 624.3 | 12 595.5 | 23 225.6 | 34 665.1 | 1 074.3 |
| STANDARD CONSOLIDATED STATISTICAL AREAS | | | | | | | | | | | |
| Seattle-Tacoma, Wash. | 3 666 | 979 | 186.8 | 4 467.8 | 100.9 | 185.5 | 2 139.9 | 7 458.8 | 11 666.4 | 17 857.3 | 542.2 |

See footnotes at end of table.

Table 3. **Selected Statistics for All Manufacturing Establishments by State and Standard Metropolitan Statistical Area: 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Geographic area | All establishments ^{1 2} | | All employees ¹ | | Production workers | | | Value added by manu- facture ³ (million dollars) | Cost of materials ⁴ (million dollars) | Value of shipments ⁴ (million dollars) | New capital expenditures (million dollars) |
|--|-----------------------------------|---|----------------------------|---------------------------------|--------------------|---------------------|-------------------------------|--|---|--|---|
| | Total (number) | With 20 employees or more (number) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | |
| Washington—Con. | | | | | | | | | | | |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Bellingham, Wash. | 199 | 50 | 7.0 | 162.8 | 5.2 | 9.9 | 112.6 | 711.8 | 2 636.9 | 3 382.3 | 32.8 |
| Bremerton, Wash. | 85 | 16 | 1.6 | 24.4 | 1.0 | 1.8 | 13.6 | 43.6 | 45.7 | 88.8 | 4.2 |
| Olympia, Wash. | 131 | 23 | 2.9 | 60.7 | 2.2 | 4.1 | 41.5 | 122.0 | 270.3 | 396.2 | 17.6 |
| Portland, Oreg.-Wash. | 2 524 | 714 | 101.5 | 2 165.9 | 62.8 | 115.0 | 1 114.3 | 4 915.2 | 4 523.7 | 9 388.1 | 347.4 |
| Portion in Oregon | 2 254 | 631 | 88.4 | 1 898.5 | 53.1 | 97.5 | 937.6 | 4 228.9 | 3 539.6 | 7 719.8 | 285.4 |
| Portion in Washington | 270 | 83 | 13.1 | 267.4 | 9.7 | 17.6 | 176.7 | 686.3 | 984.1 | 1 668.2 | 62.0 |
| Richland-Kennewick-Pasco, Wash. | 103 | 25 | 11.2 | 274.1 | 6.6 | 13.3 | 137.3 | 692.0 | 860.0 | 1 560.1 | 23.8 |
| Seattle-Everett, Wash. | 3 074 | 811 | 166.4 | 4 029.6 | 86.7 | 158.5 | 1 853.4 | 6 624.7 | 10 217.5 | 15 583.0 | 469.4 |
| Spokane, Wash. | 439 | 114 | 16.0 | 327.3 | 10.1 | 19.0 | 194.6 | 552.1 | 1 048.6 | 1 643.4 | 77.4 |
| Tacoma, Wash. | 592 | 168 | 20.4 | 438.2 | 14.2 | 26.9 | 286.4 | 834.1 | 1 448.8 | 2 274.3 | 72.8 |
| Yakima, Wash. | 221 | 81 | 7.0 | 127.1 | 5.3 | 10.3 | 87.2 | 313.2 | 491.6 | 800.2 | 17.8 |
| West Virginia | 1 662 | 559 | 95.8 | 2 007.0 | 65.2 | 121.5 | 1 233.0 | 4 049.2 | 5 761.0 | 9 868.8 | 393.7 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Charleston, W. Va. | 181 | 61 | 14.4 | 372.8 | 7.7 | 14.8 | 180.7 | 637.3 | 1 182.7 | 1 741.4 | 122.0 |
| Cumberland, Md.-W. Va. | 96 | 39 | 7.9 | 177.5 | 5.1 | 9.4 | 102.5 | 364.1 | 355.2 | 712.5 | 42.6 |
| Portion in Maryland | 74 | 27 | 6.6 | 151.4 | 4.4 | 8.0 | 92.8 | 337.9 | 333.7 | 664.6 | 42.0 |
| Portion in West Virginia | 22 | 12 | 1.3 | 26.1 | .7 | 1.3 | 9.7 | 26.2 | 21.5 | 47.9 | .6 |
| Huntington-Ashland, W. Va.-Ky.-Ohio | 288 | 108 | 22.5 | 521.7 | 14.8 | 26.1 | 311.2 | 799.6 | 3 347.3 | 4 218.0 | 139.8 |
| Portion in Kentucky | 74 | 34 | 10.2 | 267.6 | 6.1 | 10.2 | 148.5 | 294.2 | 2 698.0 | 3 025.4 | 103.0 |
| Portion in Ohio | 47 | 14 | 1.9 | 41.5 | 1.5 | 2.8 | 32.9 | 75.4 | 172.4 | 249.5 | 4.4 |
| Portion in West Virginia | 167 | 60 | 10.4 | 212.6 | 7.2 | 13.1 | 129.8 | 430.0 | 477.0 | 943.1 | 32.5 |
| Parkersburg-Marietta, W. Va.-Ohio | 186 | 64 | 13.8 | 316.4 | 9.1 | 17.6 | 187.6 | 964.9 | 1 058.9 | 2 017.0 | 216.3 |
| Portion in Ohio | 93 | 24 | 4.7 | 105.7 | 3.0 | 5.8 | 59.5 | 270.0 | 486.1 | 745.9 | 155.3 |
| Portion in West Virginia | 93 | 40 | 9.1 | 210.7 | 6.1 | 11.8 | 128.1 | 694.8 | 572.8 | 1 271.1 | 61.1 |
| Steubenville-Weirton, Ohio-W. Va. | 107 | 57 | 18.9 | 516.3 | 13.5 | 24.9 | 366.1 | 821.1 | 1 825.6 | 2 685.8 | 108.4 |
| Portion in Ohio | 50 | 20 | 5.3 | 140.5 | 4.0 | 7.2 | 105.5 | 295.8 | 648.2 | 956.1 | 88.0 |
| Portion in West Virginia | 57 | 37 | 13.6 | 375.8 | 9.6 | 17.7 | 260.7 | 525.4 | 1 177.4 | 1 729.8 | 20.4 |
| Wheeling, W. Va.-Ohio | 151 | 66 | 9.6 | 198.9 | 6.6 | 11.8 | 125.5 | 354.7 | 705.7 | 1 077.1 | 68.8 |
| Portion in Ohio | 65 | 23 | 3.3 | 60.1 | 2.6 | 4.1 | 42.0 | 151.3 | 274.5 | 431.4 | 7.8 |
| Portion in West Virginia | 86 | 43 | 6.4 | 138.9 | 4.0 | 7.7 | 83.6 | 203.5 | 431.2 | 645.7 | 61.0 |
| Wisconsin | 8 682 | 3 197 | 496.7 | 10 197.1 | 328.7 | 621.0 | 5 990.3 | 22 545.6 | 29 487.4 | 52 447.8 | 1 547.2 |
| STANDARD CONSOLIDATED STATISTICAL AREAS | | | | | | | | | | | |
| Chicago-Gary-Kenosha, Ill.-Ind.-Wis. | 14 509 | 5 578 | 834.0 | 18 269.1 | 516.3 | 971.5 | 9 582.7 | 36 093.6 | 48 681.2 | 85 561.3 | 2 665.9 |
| Portion in Illinois | 13 905 | 5 356 | 744.2 | 15 838.8 | 451.4 | 856.6 | 7 883.2 | 32 254.1 | 37 586.3 | 70 357.5 | 1 989.9 |
| Portion in Indiana | 458 | 178 | 75.6 | 2 059.0 | 54.8 | 95.8 | 1 445.4 | 3 238.0 | 9 762.1 | 13 263.7 | 590.1 |
| Portion in Wisconsin | 146 | 44 | 14.2 | 371.3 | 10.1 | 19.2 | 254.1 | 601.4 | 1 332.8 | 1 940.1 | 85.9 |
| Milwaukee-Racine, Wis. | 3 292 | 1 246 | 204.4 | 4 552.4 | 125.4 | 232.7 | 2 468.9 | 9 489.8 | 8 906.7 | 18 700.1 | 498.6 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Appleton-Oshkosh, Wis. | 535 | 242 | 45.0 | 953.5 | 29.7 | 58.4 | 548.8 | 2 061.7 | 2 806.8 | 4 876.2 | 206.5 |
| Duluth-Superior, Minn.-Wis. | 267 | 73 | 7.1 | 136.0 | 4.8 | 8.7 | 88.1 | 289.7 | 594.1 | 913.3 | 29.8 |
| Portion in Minnesota | 222 | 59 | 5.8 | 106.4 | 3.8 | 6.8 | 65.7 | 206.1 | 248.1 | 461.0 | 26.3 |
| Portion in Wisconsin | 45 | 14 | 1.3 | 29.7 | 1.0 | 2.0 | 22.5 | 83.6 | 345.9 | 452.3 | 3.4 |
| Eau Claire, Wis. | 184 | 58 | 8.5 | 168.5 | 6.5 | 12.5 | 121.8 | 465.5 | 652.7 | 1 119.3 | (D) |
| Green Bay, Wis. | 279 | 122 | 21.2 | 467.1 | 14.4 | 28.6 | 294.2 | 1 470.8 | 2 459.3 | 3 932.2 | 99.5 |
| Janesville-Beloit, Wis. | 182 | 70 | 15.8 | 366.3 | 10.6 | 21.9 | 227.1 | 750.8 | 1 652.2 | 2 393.9 | 69.2 |
| Kenosha, Wis. | 146 | 44 | 14.2 | 371.3 | 10.1 | 19.2 | 254.1 | 601.4 | 1 332.8 | 1 940.1 | 85.9 |
| La Crosse, Wis. | 138 | 42 | 10.0 | 194.4 | 5.8 | 11.4 | 100.7 | 409.6 | 410.3 | 822.6 | 30.5 |
| Madison, Wis. | 467 | 148 | 18.6 | 370.0 | 10.7 | 19.7 | 183.8 | 715.4 | 1 096.5 | 1 821.4 | 46.3 |
| Milwaukee, Wis. | 2 916 | 1 110 | 180.3 | 3 975.6 | 111.7 | 208.3 | 2 227.2 | 8 101.9 | 7 956.9 | 16 329.9 | 436.9 |
| Minneapolis-St. Paul, Minn.-Wis. | 4 155 | 1 466 | 240.9 | 5 512.6 | 124.2 | 234.0 | 2 279.4 | 10 738.4 | 11 471.1 | 22 282.4 | 688.5 |
| Portion in Minnesota | 4 096 | 1 441 | 237.8 | 5 457.3 | 122.3 | 230.6 | 2 251.3 | 10 634.8 | 11 316.5 | 22 022.3 | 684.7 |
| Portion in Wisconsin | 59 | 25 | 3.2 | 55.2 | 1.9 | 3.4 | 28.0 | 103.7 | 154.6 | 259.8 | 3.8 |
| Racine, Wis. | 376 | 136 | 24.1 | 576.8 | 13.6 | 24.5 | 241.7 | 1 387.8 | 949.9 | 2 370.2 | 61.8 |
| Sheboygan, Wis. | 215 | 111 | 16.4 | 302.2 | 10.8 | 20.4 | 189.3 | 608.7 | 772.8 | 1 391.9 | 32.1 |
| Wausau, Wis. | 199 | 73 | 12.1 | 225.4 | 8.0 | 15.2 | 133.6 | 452.2 | 1 027.3 | 1 480.0 | 24.0 |
| Wyoming | 511 | 115 | 9.9 | 183.3 | 6.6 | 13.2 | 115.3 | 407.7 | 2 082.5 | 2 558.4 | 49.8 |
| STANDARD METROPOLITAN STATISTICAL AREAS | | | | | | | | | | | |
| Casper, Wyo. | 93 | 26 | 2.2 | 47.8 | 1.5 | 3.1 | 30.0 | 23.1 | 728.3 | 800.4 | 29.7 |

¹Includes auxiliaries (see appendixes).
²Includes establishments with payroll at any time during year.
³Beginning in 1982, all respondents were requested to report their inventories at cost or market prior to adjustment to LIFO cost. This is a change from prior years in which respondents were permitted to value their inventories using any generally accepted accounting method. Consequently, 1982 data for value added are not comparable to prior year data.
⁴Aggregate of cost of materials and value of shipments includes extensive duplication, since products of some industries are used as materials by others (see appendixes).

Table 4. Employment Statistics for Operating Manufacturing Establishments and Auxiliaries by State: 1982 and Earlier Years

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Geographic area and year | All establishments ¹ | | Operating manufacturing establishments | | Auxiliaries | |
|--|---------------------------------|------------------------------|--|------------------------------|----------------------|------------------------------|
| | Employees (1,000) | Payroll (million dollars) | Employees (1,000) | Payroll (million dollars) | Employees (1,000) | Payroll (million dollars) |
| United States ----- 1982 | 19 094.1 | 379 626.6 | 17 818.1 | 341 406.2 | 1 276.0 | 38 220.4 |
| ----- 1977 | 19 590.1 | 264 013.1 | 18 515.9 | 242 031.9 | 1 074.2 | 21 981.2 |
| ----- 1972 | 19 028.7 | 174 205.5 | 18 034.4 | 160 433.2 | 994.3 | 13 772.3 |
| ----- 1967 | 19 322.9 | 132 208.5 | 18 492.3 | 123 480.6 | 830.9 | 8 727.9 |
| Alabama ----- 1982 | 329.6 | 5 234.4 | 324.6 | 5 130.9 | 5.0 | 103.5 |
| ----- 1977 | 341.0 | 3 773.2 | 335.6 | 3 684.3 | 5.4 | 88.9 |
| ----- 1972 | 322.6 | 2 396.8 | 318.7 | 2 346.7 | 3.9 | 50.1 |
| ----- 1967 | 288.8 | 1 602.8 | 286.4 | 1 581.4 | 2.4 | 21.4 |
| Alaska ----- 1982 | 12.8 | 269.5 | 12.4 | 262.5 | .4 | 7.0 |
| ----- 1977 | 11.4 | 166.0 | 11.3 | 163.9 | .1 | 2.1 |
| ----- 1972 | 7.5 | 75.1 | (D) | (D) | (D) | (D) |
| ----- 1967 | 7.6 | 55.6 | 7.6 | 55.2 | (Z) | .4 |
| Arizona ----- 1982 | 149.8 | 3 036.9 | 145.8 | 2 937.4 | 4.0 | 99.5 |
| ----- 1977 | 110.9 | 1 462.9 | 105.9 | 1 374.5 | 5.0 | 88.4 |
| ----- 1972 | 93.9 | 855.1 | 92.2 | 830.5 | 1.7 | 24.6 |
| ----- 1967 | 76.8 | 543.2 | 75.7 | 533.1 | 1.1 | 10.1 |
| Arkansas ----- 1982 | 189.8 | 2 823.7 | 186.1 | 2 735.1 | 3.7 | 88.6 |
| ----- 1977 | 197.1 | 1 932.4 | 193.6 | 1 881.4 | 3.5 | 51.0 |
| ----- 1972 | 180.9 | 1 151.7 | 178.5 | 1 126.6 | 2.4 | 25.1 |
| ----- 1967 | 143.6 | 665.6 | 142.2 | 653.6 | 1.4 | 12.0 |
| California ----- 1982 | 2 004.8 | 42 630.0 | 1 906.3 | 39 698.1 | 98.5 | 2 931.9 |
| ----- 1977 | 1 751.5 | 24 671.5 | 1 682.9 | 23 248.3 | 68.6 | 1 423.2 |
| ----- 1972 | 1 545.1 | 15 483.1 | 1 480.4 | 14 623.6 | 65.5 | 859.5 |
| ----- 1967 | 1 583.5 | 12 514.5 | 1 537.6 | 12 024.4 | 45.9 | 490.2 |
| Colorado ----- 1982 | 191.4 | 3 983.2 | 177.7 | 3 621.5 | 13.7 | 361.7 |
| ----- 1977 | 152.5 | 2 124.8 | 143.7 | 1 958.7 | 8.8 | 166.1 |
| ----- 1972 | 132.6 | 1 297.8 | 125.2 | 1 206.0 | 7.4 | 91.8 |
| ----- 1967 | 104.0 | 730.5 | 101.0 | 702.8 | 3.0 | 27.7 |
| Connecticut ----- 1982 | 424.4 | 9 059.6 | 381.1 | 7 658.5 | 43.3 | 1 401.1 |
| ----- 1977 | 412.1 | 5 852.3 | 377.5 | 5 086.2 | 34.6 | 766.1 |
| ----- 1972 | 399.3 | 3 860.0 | 380.4 | 3 580.5 | 18.9 | 279.5 |
| ----- 1967 | 477.7 | 3 494.3 | 461.7 | 3 327.4 | 16.0 | 166.9 |
| Delaware ----- 1982 | 67.9 | 1 742.9 | 43.8 | 873.7 | 24.1 | 869.2 |
| ----- 1977 | 66.5 | 1 140.6 | 42.2 | 589.9 | 24.3 | 550.7 |
| ----- 1972 | 69.1 | 754.5 | 49.3 | 449.6 | 19.8 | 304.9 |
| ----- 1967 | 70.7 | 588.4 | 50.6 | 338.7 | 20.1 | 249.7 |
| District of Columbia ----- 1982 | 16.7 | 393.7 | 15.1 | 337.1 | 1.6 | 56.6 |
| ----- 1977 | 18.6 | 297.6 | 17.5 | 268.1 | 1.1 | 29.5 |
| ----- 1972 | 19.4 | 220.0 | 18.4 | 203.2 | 1.0 | 16.8 |
| ----- 1967 | 23.1 | 178.7 | 22.4 | 168.3 | .7 | 10.4 |
| Florida ----- 1982 | 454.4 | 7 773.2 | 440.0 | 7 395.7 | 14.4 | 377.5 |
| ----- 1977 | 358.0 | 4 133.1 | 350.0 | 4 003.3 | 8.0 | 129.8 |
| ----- 1972 | 342.9 | 2 750.3 | 336.7 | 2 672.8 | 6.2 | 77.5 |
| ----- 1967 | 285.1 | 1 754.7 | 281.1 | 1 720.5 | 4.0 | 34.2 |
| Georgia ----- 1982 | 503.0 | 7 905.7 | 480.2 | 7 327.4 | 22.8 | 578.3 |
| ----- 1977 | 484.7 | 5 124.5 | 470.3 | 4 856.5 | 14.4 | 268.0 |
| ----- 1972 | 467.5 | 3 336.0 | 453.6 | 3 168.2 | 13.9 | 167.8 |
| ----- 1967 | 423.1 | 2 231.2 | 415.0 | 2 159.8 | 8.1 | 71.4 |
| Hawaii ----- 1982 | 23.6 | 360.3 | 22.9 | 341.6 | .7 | 18.7 |
| ----- 1977 | 25.0 | 276.8 | 23.6 | 254.1 | 1.4 | 22.9 |
| ----- 1972 | 24.8 | 191.1 | (D) | (D) | (D) | (D) |
| ----- 1967 | 25.4 | 139.6 | 24.4 | 129.9 | 1.0 | 9.7 |
| Idaho ----- 1982 | 47.6 | 864.8 | 44.9 | 787.0 | 2.7 | 77.8 |
| ----- 1977 | 51.6 | 625.2 | 49.7 | 582.7 | 1.9 | 42.5 |
| ----- 1972 | 43.0 | 339.5 | 41.4 | 318.5 | 1.6 | 21.0 |
| ----- 1967 | 37.1 | 219.9 | 36.0 | 208.8 | 1.1 | 11.1 |
| Illinois ----- 1982 | 1 068.7 | 22 680.9 | 976.7 | 19 832.0 | 100.2 | 2 977.0 |
| ----- 1977 | 1 286.2 | 18 740.8 | 1 190.1 | 16 737.2 | 96.1 | 2 003.6 |
| ----- 1972 | 1 306.1 | 12 801.1 | 1 224.8 | 11 694.4 | 81.4 | 1 106.4 |
| ----- 1967 | 1 397.3 | 10 013.9 | 1 331.5 | 9 319.6 | 65.8 | 694.3 |
| Indiana ----- 1982 | 585.1 | 12 559.3 | 570.3 | 12 166.7 | 14.8 | 392.6 |
| ----- 1977 | 705.9 | 10 438.9 | 688.5 | 10 135.3 | 17.4 | 303.6 |
| ----- 1972 | 703.9 | 6 881.5 | 689.7 | 6 709.0 | 14.2 | 172.5 |
| ----- 1967 | 710.2 | 5 023.2 | 701.3 | 4 933.2 | 8.9 | 90.0 |
| Iowa ----- 1982 | 212.8 | 4 403.2 | 209.1 | 4 310.3 | 3.7 | 92.9 |
| ----- 1977 | 240.3 | 3 382.5 | 235.5 | 3 291.7 | 4.8 | 90.8 |
| ----- 1972 | 215.5 | 2 038.8 | 213.1 | 2 002.6 | 2.4 | 36.2 |
| ----- 1967 | 210.1 | 1 434.6 | 208.8 | 1 320.3 | 1.3 | 14.3 |
| Kansas ----- 1982 | 170.6 | 3 322.8 | 165.2 | 3 195.1 | 5.4 | 127.7 |
| ----- 1977 | 168.1 | 2 114.8 | 164.4 | 2 058.3 | 3.7 | 56.5 |
| ----- 1972 | 137.0 | 1 181.1 | 134.0 | 1 145.5 | 3.0 | 35.6 |
| ----- 1967 | 143.8 | 964.8 | 142.0 | 949.3 | 1.8 | 15.5 |
| Kentucky ----- 1982 | 246.6 | 4 638.8 | 232.2 | 4 260.7 | 14.4 | 378.1 |
| ----- 1977 | 277.5 | 3 452.2 | 266.2 | 3 252.6 | 11.3 | 199.6 |
| ----- 1972 | 258.7 | 2 160.0 | 250.3 | 2 060.3 | 8.4 | 99.7 |
| ----- 1967 | 224.6 | 1 351.9 | 217.6 | 1 285.4 | 7.0 | 66.5 |
| Louisiana ----- 1982 | 202.0 | 4 304.1 | 197.7 | 4 167.1 | 4.3 | 137.0 |
| ----- 1977 | 194.8 | 2 682.7 | 192.0 | 2 635.0 | 2.8 | 47.7 |
| ----- 1972 | 179.4 | 1 601.4 | 176.6 | 1 571.2 | 2.8 | 30.2 |
| ----- 1967 | 164.5 | 1 084.4 | 162.7 | 1 068.8 | 1.8 | 15.6 |
| Maine ----- 1982 | 110.2 | 1 774.9 | 109.3 | 1 752.8 | .9 | 22.1 |
| ----- 1977 | 102.8 | 1 077.6 | 101.9 | 1 063.9 | .9 | 13.7 |
| ----- 1972 | 100.0 | 699.4 | (D) | (D) | (D) | (D) |
| ----- 1967 | 110.8 | 577.2 | 110.2 | 572.1 | .6 | 5.1 |
| Maryland ----- 1982 | 234.4 | 4 859.3 | 218.9 | 4 440.9 | 15.5 | 418.4 |
| ----- 1977 | 243.2 | 3 419.5 | 228.5 | 3 163.9 | 14.7 | 255.6 |
| ----- 1972 | 255.6 | 2 386.3 | 245.5 | 2 260.3 | 10.1 | 126.0 |
| ----- 1967 | 287.6 | 1 956.0 | 281.2 | 1 891.3 | 6.4 | 64.7 |

See footnotes at end of table.

Table 4. Employment Statistics for Operating Manufacturing Establishments and Auxiliaries by State: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Geographic area and year | | All establishments ¹ | | Operating manufacturing establishments | | Auxiliaries | |
|--------------------------|--------|---------------------------------|------------------------------|--|------------------------------|----------------------|------------------------------|
| | | Employees (1,000) | Payroll (million dollars) | Employees (1,000) | Payroll (million dollars) | Employees (1,000) | Payroll (million dollars) |
| Massachusetts | 1982.. | 643.4 | 12 353.1 | 596.1 | 11 066.2 | 47.3 | 1 286.9 |
| | 1977.. | 613.4 | 7 818.8 | 579.7 | 7 168.5 | 33.7 | 650.3 |
| | 1972.. | 618.9 | 5 486.0 | 585.4 | 5 031.3 | 33.5 | 454.7 |
| | 1967.. | 713.6 | 4 646.3 | 685.4 | 4 372.8 | 28.2 | 273.5 |
| Michigan | 1982.. | 883.9 | 22 223.0 | 768.5 | 18 339.0 | 115.4 | 3 884.0 |
| | 1977.. | 1 115.9 | 20 054.0 | 1 011.1 | 17 434.0 | 104.8 | 2 620.0 |
| | 1972.. | 1 076.2 | 12 745.1 | 981.5 | 11 125.8 | 94.7 | 1 619.3 |
| | 1967.. | 1 134.1 | 9 357.2 | 1 039.7 | 8 290.9 | 94.4 | 1 066.3 |
| Minnesota | 1982.. | 350.0 | 7 422.9 | 309.4 | 6 171.2 | 40.6 | 1 251.7 |
| | 1977.. | 331.7 | 4 693.0 | 301.6 | 3 988.0 | 30.1 | 705.0 |
| | 1972.. | 302.2 | 2 889.0 | 274.9 | 2 538.4 | 27.3 | 350.6 |
| | 1967.. | 299.8 | 2 106.5 | 275.9 | 1 881.3 | 23.9 | 225.2 |
| Mississippi | 1982.. | 201.7 | 2 880.8 | 199.7 | 2 847.9 | 2.0 | 32.9 |
| | 1977.. | 219.4 | 2 061.5 | 216.8 | 2 032.6 | 2.6 | 28.9 |
| | 1972.. | 200.4 | 1 302.4 | 198.0 | 1 281.8 | 2.1 | 18.7 |
| | 1967.. | 160.4 | 764.0 | 159.3 | 756.0 | 1.1 | 8.0 |
| Missouri | 1982.. | 405.9 | 8 013.2 | 374.3 | 7 124.6 | 31.6 | 888.6 |
| | 1977.. | 433.3 | 5 709.1 | 404.4 | 5 219.4 | 28.9 | 489.7 |
| | 1972.. | 434.3 | 3 897.3 | 407.9 | 3 563.4 | 26.4 | 333.9 |
| | 1967.. | 452.2 | 3 048.9 | 430.8 | 2 831.4 | 21.4 | 217.5 |
| Montana | 1982.. | 20.2 | 379.1 | 20.2 | 378.0 | (Z) | 1.1 |
| | 1977.. | 23.5 | 311.8 | 23.4 | 310.1 | .1 | 1.7 |
| | 1972.. | 21.4 | 184.6 | 21.3 | 183.3 | .1 | 1.3 |
| | 1967.. | 20.4 | 129.5 | (D) | (D) | (D) | (D) |
| Nebraska | 1982.. | 91.1 | 1 624.4 | 88.1 | 1 541.5 | 3.0 | 82.9 |
| | 1977.. | 87.7 | 1 075.4 | 85.0 | 1 032.2 | 2.7 | 43.2 |
| | 1972.. | 84.9 | 704.2 | 83.3 | 685.1 | 1.6 | 19.1 |
| | 1967.. | 77.0 | 475.9 | 75.9 | 465.6 | 1.1 | 10.3 |
| Nevada | 1982.. | 20.4 | 356.2 | 20.2 | 351.3 | .2 | 4.9 |
| | 1977.. | 15.0 | 191.6 | 14.5 | 184.9 | .5 | 6.7 |
| | 1972.. | 10.0 | 91.7 | 9.6 | 87.6 | .4 | 4.1 |
| | 1967.. | 7.0 | 49.6 | 7.0 | 49.1 | (Z) | .5 |
| New Hampshire | 1982.. | 107.4 | 1 792.0 | 105.1 | 1 721.4 | 2.3 | 70.6 |
| | 1977.. | 95.3 | 1 029.0 | 94.2 | 1 008.1 | 1.1 | 20.9 |
| | 1972.. | 89.7 | 663.2 | 88.9 | 654.3 | .8 | 8.9 |
| | 1967.. | 94.9 | 512.6 | 94.6 | 509.9 | .3 | 2.7 |
| New Jersey | 1982.. | 754.0 | 15 845.0 | 651.2 | 12 623.3 | 102.8 | 3 221.7 |
| | 1977.. | 778.3 | 10 924.2 | 691.4 | 9 175.6 | 86.9 | 1 748.6 |
| | 1972.. | 836.1 | 8 107.2 | 756.1 | 6 961.4 | 80.0 | 1 145.8 |
| | 1967.. | 881.3 | 6 325.4 | 817.9 | 5 673.1 | 63.4 | 652.3 |
| New Mexico | 1982.. | 33.0 | 521.2 | 32.4 | 507.9 | .6 | 13.3 |
| | 1977.. | 29.0 | 296.9 | 28.7 | 292.0 | .3 | 4.9 |
| | 1972.. | 23.6 | 157.2 | 23.2 | 152.5 | .4 | 4.7 |
| | 1967.. | 16.9 | 98.6 | 16.6 | 95.2 | .3 | 3.4 |
| New York | 1982.. | 1 418.8 | 29 156.0 | 1 285.6 | 24 907.4 | 133.2 | 4 248.6 |
| | 1977.. | 1 509.9 | 20 876.1 | 1 383.8 | 18 088.8 | 126.1 | 2 787.3 |
| | 1972.. | 1 679.3 | 16 222.0 | 1 512.2 | 13 754.2 | 167.1 | 2 467.8 |
| | 1967.. | 1 929.2 | 13 851.5 | 1 771.2 | 12 055.6 | 158.0 | 1 795.9 |
| North Carolina | 1982.. | 798.6 | 11 717.1 | 763.4 | 10 800.4 | 35.2 | 916.7 |
| | 1977.. | 765.3 | 7 518.5 | 739.4 | 7 042.5 | 25.9 | 476.0 |
| | 1972.. | 743.7 | 4 829.1 | 722.5 | 4 677.7 | 21.2 | 251.4 |
| | 1967.. | 643.8 | 3 066.1 | 628.9 | 2 924.7 | 14.9 | 141.4 |
| North Dakota | 1982.. | 14.8 | 245.6 | 14.7 | 243.7 | .1 | 1.9 |
| | 1977.. | 13.8 | 162.3 | (D) | (D) | (D) | (D) |
| | 1972.. | 10.2 | 78.6 | (D) | (D) | (D) | (D) |
| | 1967.. | 7.5 | 41.6 | (D) | (D) | (D) | (D) |
| Ohio | 1982.. | 1 102.0 | 24 740.1 | 997.0 | 21 669.0 | 105.0 | 3 071.1 |
| | 1977.. | 1 331.2 | 20 356.0 | 1 249.5 | 18 753.7 | 81.7 | 1 602.3 |
| | 1972.. | 1 346.3 | 13 810.0 | 1 263.8 | 12 720.1 | 82.5 | 1 089.9 |
| | 1967.. | 1 397.0 | 10 523.1 | 1 334.9 | 9 898.5 | 62.1 | 624.6 |
| Oklahoma | 1982.. | 196.9 | 4 009.9 | 171.9 | 3 267.7 | 25.0 | 742.2 |
| | 1977.. | 164.4 | 2 050.9 | 150.2 | 1 786.3 | 14.2 | 264.6 |
| | 1972.. | 142.7 | 1 187.9 | 128.9 | 1 020.7 | 13.8 | 167.2 |
| | 1967.. | 117.7 | 764.2 | 105.0 | 648.0 | 12.7 | 116.2 |
| Oregon | 1982.. | 185.1 | 3 783.2 | 178.7 | 3 599.4 | 6.4 | 183.8 |
| | 1977.. | 202.4 | 2 760.0 | 197.0 | 2 657.4 | 5.4 | 102.6 |
| | 1972.. | 178.6 | 1 627.3 | 173.7 | 1 565.2 | 4.9 | 62.1 |
| | 1967.. | 163.1 | 1 082.5 | 160.4 | 1 059.3 | 2.7 | 23.2 |
| Pennsylvania | 1982.. | 1 180.0 | 23 314.5 | 1 082.6 | 20 443.1 | 97.4 | 2 871.4 |
| | 1977.. | 1 329.2 | 18 042.7 | 1 241.9 | 16 308.8 | 87.3 | 1 733.9 |
| | 1972.. | 1 417.5 | 12 794.1 | 1 330.4 | 11 627.2 | 87.1 | 1 166.9 |
| | 1967.. | 1 549.5 | 10 349.7 | 1 468.9 | 9 506.0 | 80.6 | 843.7 |
| Rhode Island | 1982.. | 113.8 | 1 759.5 | 112.1 | 1 717.2 | 1.7 | 42.3 |
| | 1977.. | 125.0 | 1 326.5 | 123.6 | 1 296.8 | 1.4 | 29.7 |
| | 1972.. | 118.1 | 888.2 | 116.5 | 865.6 | 1.6 | 22.6 |
| | 1967.. | 122.3 | 700.4 | 121.0 | 687.4 | 1.3 | 13.0 |
| South Carolina | 1982.. | 367.5 | 5 539.5 | 355.3 | 5 279.2 | 12.2 | 260.3 |
| | 1977.. | 374.2 | 3 804.9 | 365.2 | 3 663.9 | 9.0 | 141.0 |
| | 1972.. | 345.1 | 2 344.5 | 337.9 | 2 265.4 | 7.2 | 79.1 |
| | 1967.. | 304.3 | 1 502.4 | 298.2 | 1 452.4 | 6.1 | 49.8 |
| South Dakota | 1982.. | 24.5 | 397.9 | 24.4 | 394.3 | .1 | 3.6 |
| | 1977.. | 22.5 | 251.4 | 22.4 | 249.0 | .1 | 2.4 |
| | 1972.. | 17.4 | 134.5 | (D) | (D) | (D) | (D) |
| | 1967.. | 15.5 | 92.5 | (D) | (D) | (D) | (D) |
| Tennessee | 1982.. | 461.6 | 7 377.7 | 450.3 | 7 114.8 | 11.3 | 262.9 |
| | 1977.. | 489.8 | 5 218.7 | 481.0 | 5 098.9 | 8.8 | 119.8 |
| | 1972.. | 467.4 | 3 351.7 | 459.8 | 3 276.9 | 7.6 | 74.8 |
| | 1967.. | 418.0 | 2 190.0 | 412.8 | 2 145.8 | 5.2 | 44.2 |

See footnotes at end of table.

Table 4. Employment Statistics for Operating Manufacturing Establishments and Auxiliaries by State: 1982 and Earlier Years—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued]

| Geographic area and year | All establishments ¹ | | Operating manufacturing establishments | | Auxiliaries | |
|----------------------------|---------------------------------|------------------------------|--|------------------------------|----------------------|------------------------------|
| | Employees (1,000) | Payroll (million dollars) | Employees (1,000) | Payroll (million dollars) | Employees (1,000) | Payroll (million dollars) |
| Texas ----- 1982.. | 1 058.5 | 21 434.9 | 1 002.3 | 19 698.1 | 56.2 | 1 736.8 |
| 1977.. | 886.4 | 11 653.1 | 841.5 | 10 735.9 | 44.9 | 917.2 |
| 1972.. | 736.1 | 6 344.6 | 708.2 | 5 949.8 | 27.9 | 394.8 |
| 1967.. | 657.5 | 4 340.4 | 636.8 | 4 130.8 | 20.7 | 209.6 |
| Utah ----- 1982.. | 83.2 | 1 538.8 | 82.1 | 1 510.7 | 1.1 | 28.1 |
| 1977.. | 70.2 | 867.2 | 67.9 | 834.8 | 2.1 | 32.4 |
| 1972.. | 56.6 | 486.2 | 53.7 | 452.9 | 2.9 | 33.3 |
| 1967.. | 47.0 | 314.9 | 46.4 | 310.2 | .6 | 4.7 |
| Vermont ----- 1982.. | 46.8 | 862.7 | 46.8 | 860.8 | (Z) | 1.9 |
| 1977.. | 41.5 | 498.0 | 41.3 | 494.8 | .2 | 3.2 |
| 1972.. | 36.9 | 311.4 | (D) | (D) | (D) | (D) |
| 1967.. | 42.5 | 259.1 | 42.2 | 256.9 | .3 | 2.2 |
| Virginia ----- 1982.. | 391.1 | 6 649.0 | 379.6 | 6 342.6 | 11.5 | 306.4 |
| 1977.. | 395.2 | 4 442.4 | 383.5 | 4 244.9 | 11.7 | 197.5 |
| 1972.. | 375.4 | 2 826.0 | 365.8 | 2 720.3 | 9.6 | 105.7 |
| 1967.. | 339.8 | 1 905.1 | 331.6 | 1 828.1 | 8.2 | 77.0 |
| Washington ----- 1982.. | 291.4 | 6 680.6 | 276.8 | 6 249.7 | 14.6 | 430.9 |
| 1977.. | 265.0 | 4 054.3 | 256.2 | 3 870.9 | 8.8 | 183.4 |
| 1972.. | 226.0 | 2 308.4 | 219.3 | 2 223.7 | 6.7 | 84.7 |
| 1967.. | 270.7 | 2 119.0 | 266.6 | 2 075.8 | 4.1 | 43.2 |
| West Virginia ----- 1982.. | 95.8 | 2 007.0 | 91.1 | 1 874.1 | 4.7 | 132.9 |
| 1977.. | 117.0 | 1 620.5 | 114.3 | 1 568.4 | 2.7 | 52.1 |
| 1972.. | 120.8 | 1 097.6 | 116.8 | 1 042.6 | 4.0 | 55.0 |
| 1967.. | 124.0 | 831.6 | 120.8 | 801.0 | 3.2 | 30.6 |
| Wisconsin ----- 1982.. | 496.7 | 10 197.1 | 468.1 | 9 356.7 | 28.6 | 840.4 |
| 1977.. | 535.0 | 7 317.8 | 511.9 | 6 897.9 | 23.1 | 419.9 |
| 1972.. | 500.5 | 4 722.3 | 484.3 | 4 517.7 | 16.2 | 204.6 |
| 1967.. | 512.2 | 3 577.8 | 494.9 | 3 413.1 | 17.3 | 164.7 |
| Wyoming ----- 1982.. | 9.9 | 183.3 | 9.4 | 173.1 | .5 | 10.2 |
| 1977.. | 8.5 | 110.9 | 8.1 | 104.4 | .4 | 6.5 |
| 1972.. | 7.0 | 56.9 | 6.7 | 53.9 | .3 | 3.0 |
| 1967.. | 5.9 | 37.1 | (D) | (D) | (D) | (D) |

¹Includes establishments with payroll at any time during year.

Table 5. Distribution of Establishments, by Employment Size Class and Major Group by State: 1982

[Major group descriptions are: 20—food and kindred products; 21—tobacco manufactures; 22—textile mill products; 23—apparel and other textile products; 24—lumber and wood products; 25—furniture and fixtures; 26—paper and allied products; 27—printing and publishing; 28—chemicals and allied products; 29—petroleum and coal products; 30—rubber and miscellaneous plastics products; 31—leather and leather products; 32—stone, clay, and glass products; 33—primary metal industries; 34—fabricated metal products; 35—machinery, except electrical; 36—electronic and electric equipment; 37—transportation equipment; 38—instruments and related products; 39—miscellaneous manufacturing industries. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

| Geographic area and size class | All establishments ^{1,2} | Number of establishments by major group | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-----------------------------------|---|----|-----|-------|-------|-------|-----|-------|-------|-----|-------|-----|-------|-----|-------|-------|-------|-------|-------|-------|-------------|
| | | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | Auxiliaries |
| Alabama..... | 5 528 | 286 | 3 | 185 | 354 | 1 608 | 181 | 85 | 524 | 157 | 36 | 123 | 9 | 285 | 155 | 459 | 537 | 130 | 149 | 54 | 111 | 97 |
| 1 to 4 employees..... | 1 935 | 55 | — | 23 | 41 | 891 | 49 | 11 | 247 | 36 | 11 | 29 | 7 | 79 | 25 | 111 | 173 | 30 | 37 | 17 | 39 | 24 |
| 5 to 9 employees..... | 890 | 32 | — | 11 | 19 | 300 | 23 | 13 | 104 | 26 | 3 | 13 | 1 | 56 | 11 | 77 | 117 | 21 | 20 | 10 | 27 | 17 |
| 10 to 19 employees..... | 735 | 35 | — | 23 | 16 | 161 | 31 | 13 | 82 | 22 | 4 | 23 | 1 | 66 | 13 | 80 | 103 | 16 | 13 | 6 | 14 | 10 |
| 20 to 49 employees..... | 764 | 56 | — | 26 | 47 | 143 | 33 | 19 | 52 | 31 | 5 | 27 | — | 47 | 36 | 85 | 77 | 17 | 25 | 7 | 17 | 15 |
| 50 to 99 employees..... | 446 | 38 | — | 18 | 69 | 66 | 22 | 12 | 16 | 15 | 5 | 9 | — | 14 | 23 | 52 | 31 | 11 | 19 | 6 | 5 | 8 |
| 100 to 249 employees..... | 438 | 42 | 3 | 41 | 86 | 39 | 15 | 9 | 17 | 11 | 8 | 11 | — | 20 | 21 | 39 | 21 | 19 | 19 | 4 | 5 | 15 |
| 250 to 499 employees..... | 205 | 19 | — | 25 | 53 | 7 | 8 | 5 | 5 | 10 | — | 3 | — | 2 | 18 | 9 | 13 | 10 | 3 | 4 | 2 | 6 |
| 500 to 999 employees..... | 81 | 9 | — | 17 | 20 | 1 | — | — | 1 | 3 | — | — | — | 1 | 4 | 5 | 1 | 2 | 8 | 1 | — | — |
| 1,000 to 2,499 employees..... | 26 | — | — | 3 | 3 | — | — | — | — | — | — | — | — | — | — | — | — | 1 | — | — | — | — |
| 2,500 employees or more..... | 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Alaska..... | 445 | 121 | — | 1 | 7 | 85 | 2 | 3 | 73 | 5 | 7 | 5 | 1 | 28 | — | 24 | 24 | 3 | 21 | — | 21 | 14 |
| 1 to 4 employees..... | 152 | 25 | — | 1 | 3 | 33 | — | — | 32 | 1 | — | 2 | — | 12 | — | 5 | 7 | — | 14 | — | 13 | 4 |
| 5 to 9 employees..... | 79 | 11 | — | — | 1 | 11 | 2 | — | 15 | 1 | — | 1 | — | 7 | — | 4 | 8 | 3 | 5 | — | 6 | 1 |
| 10 to 19 employees..... | 70 | 19 | — | — | 2 | 10 | — | — | 12 | 1 | — | 2 | — | 3 | — | 6 | 6 | — | 2 | — | 2 | 5 |
| 20 to 49 employees..... | 77 | 31 | — | — | 1 | 18 | — | — | 10 | — | — | — | — | — | — | 7 | 2 | — | — | — | — | — |
| 50 to 99 employees..... | 37 | 22 | — | — | — | 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 100 to 249 employees..... | 25 | 12 | — | — | — | 5 | — | — | 3 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 250 to 499 employees..... | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 500 to 999 employees..... | 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Arizona..... | 3 407 | 188 | — | 12 | 119 | 240 | 121 | 33 | 618 | 87 | 19 | 144 | 24 | 226 | 61 | 345 | 489 | 225 | 116 | 80 | 204 | 56 |
| 1 to 4 employees..... | 1 344 | 60 | — | 8 | 34 | 91 | 51 | 10 | 305 | 38 | 2 | 47 | 10 | 83 | 13 | 120 | 198 | 68 | 48 | 30 | 113 | 15 |
| 5 to 9 employees..... | 653 | 30 | — | 1 | 23 | 57 | 24 | 4 | 137 | 17 | 8 | 38 | 4 | 39 | 6 | 59 | 98 | 29 | 27 | 14 | 28 | 10 |
| 10 to 19 employees..... | 556 | 29 | — | — | 15 | 38 | 15 | 6 | 79 | 15 | 4 | 18 | 3 | 48 | 9 | 74 | 89 | 39 | 14 | 11 | 38 | 8 |
| 20 to 49 employees..... | 442 | 32 | — | — | 19 | 31 | 22 | 7 | 63 | 10 | 3 | 20 | 5 | 27 | 4 | 54 | 67 | 39 | 10 | 11 | 17 | 5 |
| 50 to 99 employees..... | 208 | 21 | — | — | 12 | 15 | 6 | 3 | 19 | 3 | 1 | 12 | — | 20 | 9 | 29 | 18 | 18 | 4 | 5 | 5 | 7 |
| 100 to 249 employees..... | 125 | 13 | — | — | 11 | 6 | 3 | 2 | 13 | 3 | 1 | 8 | 2 | 8 | 12 | 6 | 8 | 9 | 6 | 4 | 4 | 1 |
| 250 to 499 employees..... | 39 | 2 | — | — | 4 | 2 | — | — | — | — | — | — | — | 1 | 4 | 2 | 4 | 11 | 3 | 2 | 2 | 2 |
| 500 to 999 employees..... | 19 | 1 | — | — | — | — | — | — | — | — | — | — | — | — | 3 | — | 3 | 5 | — | — | — | — |
| 1,000 to 2,499 employees..... | 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2 | 4 | 2 | — | — | — |
| 2,500 employees or more..... | 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 3 | — | — | — | — |
| Arkansas..... | 3 313 | 288 | — | 15 | 101 | 900 | 102 | 76 | 358 | 73 | 22 | 96 | 36 | 200 | 55 | 228 | 338 | 113 | 103 | 31 | 98 | 80 |
| 1 to 4 employees..... | 1 203 | 58 | — | 4 | 18 | 497 | 25 | 5 | 155 | 24 | 4 | 24 | 6 | 72 | 11 | 52 | 126 | 20 | 24 | 12 | 45 | 21 |
| 5 to 9 employees..... | 488 | 25 | — | 1 | 4 | 137 | 13 | 3 | 74 | 12 | 2 | 9 | 1 | 47 | 3 | 40 | 56 | 13 | 15 | 6 | 14 | 13 |
| 10 to 19 employees..... | 461 | 38 | — | — | 10 | 100 | 11 | 10 | 46 | 7 | 3 | 19 | 3 | 41 | 5 | 39 | 69 | 9 | 22 | 3 | 14 | 13 |
| 20 to 49 employees..... | 422 | 49 | — | — | 13 | 79 | 19 | 15 | 51 | 8 | 4 | 15 | 3 | 20 | 3 | 38 | 42 | 18 | 18 | 3 | 11 | 12 |
| 50 to 99 employees..... | 255 | 35 | — | — | 20 | 46 | 14 | 17 | 17 | 6 | 5 | 8 | 2 | 8 | 8 | 18 | 12 | 12 | 8 | 3 | 5 | 10 |
| 100 to 249 employees..... | 294 | 47 | — | — | 28 | 31 | 11 | 16 | 7 | 10 | 3 | 11 | 11 | 10 | 20 | 25 | 19 | 19 | 8 | 2 | 6 | 9 |
| 250 to 499 employees..... | 120 | 21 | — | — | 4 | 10 | 6 | 4 | 4 | — | — | 7 | 7 | 2 | 3 | 12 | 11 | 10 | 4 | 1 | 3 | 2 |
| 500 to 999 employees..... | 50 | 12 | — | — | — | 1 | 2 | 3 | 3 | 3 | 1 | 2 | 3 | — | 2 | 3 | 3 | 7 | 4 | — | — | — |
| 1,000 to 2,499 employees..... | 20 | 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 5 | — | — | — | — |
| California..... | 47 625 | 2 536 | — | 412 | 4 414 | 2 562 | 1 728 | 582 | 6 556 | 1 425 | 254 | 1 985 | 298 | 1 720 | 765 | 4 700 | 7 644 | 3 553 | 1 685 | 1 642 | 2 170 | 974 |
| 1 to 4 employees..... | 16 765 | 626 | — | 144 | 1 480 | 1 178 | 540 | 79 | 3 128 | 415 | 79 | 573 | 114 | 572 | 140 | 1 316 | 3 070 | 986 | 570 | 504 | 1 017 | 234 |
| 5 to 9 employees..... | 8 453 | 320 | — | 63 | 720 | 476 | 303 | 67 | 1 361 | 248 | 50 | 355 | 42 | 315 | 104 | 870 | 1 598 | 475 | 259 | 275 | 411 | 140 |
| 10 to 19 employees..... | 7 940 | 382 | — | 64 | 827 | 352 | 288 | 81 | 926 | 243 | 38 | 332 | 40 | 343 | 147 | 965 | 1 334 | 533 | 265 | 290 | 334 | 163 |
| 20 to 49 employees..... | 7 671 | 498 | — | 70 | 869 | 349 | 326 | 136 | 691 | 298 | 27 | 378 | 53 | 298 | 181 | 919 | 946 | 662 | 287 | 242 | 264 | 175 |
| 50 to 99 employees..... | 3 112 | 289 | — | 41 | 326 | 142 | 144 | 91 | 232 | 115 | 26 | 205 | 24 | 98 | 91 | 357 | 335 | 365 | 116 | 150 | 76 | 89 |
| 100 to 249 employees..... | 2 265 | 251 | — | 24 | 152 | 69 | 106 | 116 | 152 | 72 | 18 | 114 | 17 | 57 | 76 | 196 | 201 | 302 | 93 | 109 | 49 | 31 |
| 250 to 499 employees..... | 726 | 113 | — | 4 | 33 | 14 | 17 | 9 | 42 | 21 | 6 | 19 | 6 | 25 | 20 | 60 | 97 | 110 | 41 | 43 | 15 | 23 |
| 500 to 999 employees..... | 283 | 44 | — | — | 6 | 2 | 4 | 3 | 14 | 10 | 7 | 7 | 2 | 12 | 3 | 12 | 35 | 60 | 19 | 16 | 4 | 4 |
| 1,000 to 2,499 employees..... | 153 | 11 | — | — | 1 | — | — | — | 8 | 3 | — | — | — | — | 2 | 5 | 6 | 41 | 12 | 11 | — | — |
| 2,500 employees or more..... | 57 | 2 | — | — | — | — | — | — | 2 | — | — | — | — | — | — | — | — | 19 | 23 | 2 | — | — |
| Colorado..... | 4 406 | 337 | — | 24 | 116 | 299 | 145 | 44 | 915 | 114 | 26 | 180 | 27 | 274 | 61 | 416 | 611 | 214 | 85 | 170 | 228 | 120 |
| 1 to 4 employees..... | 1 674 | 92 | — | 16 | 45 | 141 | 57 | 5 | 429 | 41 | 8 | 59 | 12 | 93 | 15 | 121 | 226 | 78 | 35 | 59 | 109 | 33 |
| 5 to 9 employees..... | 861 | 51 | — | 5 | 14 | 66 | 27 | 11 | 197 | 23 | 6 | 38 | 7 | 51 | 9 | 73 | 151 | 28 | 11 | 35 | 49 | 15 |
| 10 to 19 employees..... | 704 | 61 | — | 3 | 18 | 40 | 28 | 6 | 134 | 22 | 4 | 33 | 1 | 46 | 15 | 92 | 90 | 27 | 14 | 21 | 27 | 22 |
| 20 to 49 employees..... | 634 | 62 | — | — | 10 | 36 | 23 | 15 | 104 | 17 | 2 | 37 | 1 | 45 | 12 | 77 | 72 | 30 | 9 | 25 | 25 | 21 |
| 50 to 99 employees..... | 249 | 22 | — | — | 13 | 12 | 7 | 9 | 22 | 5 | 3 | 11 | 2 | 18 | 5 | 26 | 34 | 20 | 8 | 11 | 10 | 11 |
| 100 to 249 employees..... | 174 | 30 | — | — | 7 | 4 | 2 | 4 | 16 | 5 | 3 | — | — | 3 | 4 | 20 | 21 | 17 | 3 | 9 | 5 | 7 |
| 250 to 499 employees..... | 61 | 14 | — | — | 1 | — | 1 | — | 10 | 1 | — | — | — | — | — | 3 | 8 | 7 | 2 | 1 | 3 | 4 |
| 500 to 999 employees..... | 16 | 4 | — | — | — | — | — | — | 1 | — | — | — | — | — | — | 2 | 3 | 2 | 1 | 1 | — | — |
| 1,000 to 2,499 employees..... | 24 | — | — | — | — | — | — | — | 2 | — | — | — | — | — | — | — | — | — | — | 2 | — | — |
| 2,500 employees or more..... | 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 3 | — | — |

See footnotes at end of table.

Table 5. Distribution of Establishments, by Employment Size Class and Major Group by State: 1982—Con.

[Major group descriptions are: 20—food and kindred products; 21—tobacco manufactures; 22—textile mill products; 23—apparel and other textile products; 24—lumber and wood products; 25—furniture and fixtures; 26—paper and allied products; 27—printing and publishing; 28—chemicals and allied products; 29—petroleum and coal products; 30—rubber and miscellaneous plastics products; 31—leather and leather products; 32—stone, clay, and glass products; 33—primary metal industries; 34—fabricated metal products; 35—machinery, except electrical; 36—electric and electronic equipment; 37—transportation equipment; 38—instruments and related products; 39—miscellaneous manufacturing industries. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendices. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

| Geographic area and size class | All establishments ^{1,2} | Number of establishments by major group | | | | | | | | | | | | | | | | 39 | Auxiliaries | | | |
|--------------------------------|-----------------------------------|---|----|-----|-------|-------|-----|-----|-------|-----|----|-----|----|-----|-----|-------|-------|-----|-------------|-----|-----|-----|
| | | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | | | 36 | 37 | 38 |
| Connecticut | 6 693 | 199 | 6 | 96 | 231 | 205 | 114 | 100 | 964 | 164 | 33 | 260 | 24 | 184 | 211 | 989 | 1 458 | 495 | 194 | 237 | 274 | 255 |
| 1 to 4 employees | 1 919 | 55 | — | 20 | 52 | 94 | 39 | 12 | 386 | 37 | 22 | 52 | 5 | 58 | 29 | 208 | 506 | 114 | 48 | 43 | 115 | 24 |
| 5 to 9 employees | 1 173 | 28 | — | 10 | 22 | 53 | 15 | 8 | 198 | 26 | 4 | 45 | 5 | 31 | 32 | 179 | 338 | 52 | 18 | 35 | 52 | 21 |
| 10 to 19 employees | 1 064 | 34 | 1 | 10 | 32 | 31 | 21 | 12 | 141 | 27 | 3 | 42 | 5 | 38 | 33 | 179 | 260 | 61 | 43 | 31 | 33 | 28 |
| 20 to 49 employees | 1 188 | 40 | 3 | 20 | 31 | 17 | 17 | 31 | 126 | 37 | 1 | 52 | 3 | 37 | 40 | 228 | 209 | 103 | 23 | 48 | 36 | 46 |
| 50 to 99 employees | 579 | 20 | 2 | 11 | 35 | 6 | 11 | 15 | 63 | 17 | 1 | 37 | 4 | 12 | 22 | 98 | 62 | 59 | 21 | 17 | 37 | 40 |
| 100 to 249 employees | 447 | 12 | — | 18 | 15 | 4 | 6 | 19 | 30 | 9 | 3 | 25 | 2 | 5 | 36 | 61 | 40 | 59 | 15 | 13 | 13 | 26 |
| 250 to 499 employees | 192 | 7 | — | 6 | 3 | — | 4 | 1 | 16 | 3 | 1 | 6 | — | 2 | 9 | 26 | 25 | 25 | 10 | 13 | 9 | 26 |
| 500 to 999 employees | 93 | 3 | — | 1 | 1 | — | 1 | 2 | 3 | 5 | — | 1 | — | 1 | 6 | 5 | 13 | 22 | 5 | 8 | 1 | 15 |
| 1,000 to 2,499 employees | 27 | — | — | — | — | — | — | — | 1 | 2 | — | — | — | — | 1 | 5 | 3 | 2 | 4 | 3 | 1 | 1 |
| 2,500 employees or more | 11 | — | — | — | — | — | — | — | — | 1 | — | — | — | — | — | — | 4 | — | 7 | — | — | 1 |
| Delaware | 632 | 63 | — | 8 | 33 | 43 | 8 | 16 | 106 | 39 | 15 | 38 | — | 37 | 12 | 51 | 60 | 13 | 12 | 19 | 27 | 32 |
| 1 to 4 employees | 192 | 9 | — | 1 | 12 | 22 | 2 | 1 | 38 | 9 | 4 | 4 | — | 10 | 1 | 15 | 25 | 5 | 3 | 8 | 13 | 10 |
| 5 to 9 employees | 86 | 7 | — | 1 | 1 | 6 | 2 | 1 | 20 | 5 | 6 | 2 | — | 7 | 1 | 10 | 9 | — | 1 | 4 | 1 | 2 |
| 10 to 19 employees | 106 | 10 | — | — | 10 | 9 | 1 | 1 | 24 | 4 | 1 | 4 | — | 9 | 2 | 11 | 15 | 2 | 2 | 1 | 10 | 2 |
| 20 to 49 employees | 98 | 14 | — | 3 | 10 | 3 | 1 | 4 | 14 | 4 | 1 | 13 | — | 9 | 2 | 5 | 4 | 4 | 2 | 1 | 2 | 3 |
| 50 to 99 employees | 62 | 10 | — | 4 | 4 | 2 | 1 | 4 | 8 | 7 | 1 | 4 | — | 1 | 1 | 7 | 3 | 1 | 2 | 1 | 1 | 4 |
| 100 to 249 employees | 48 | 4 | — | 2 | 5 | 1 | 1 | 3 | 1 | 4 | 1 | 11 | — | 1 | 4 | 3 | 2 | 1 | 2 | 3 | — | 3 |
| 250 to 499 employees | 15 | 2 | — | — | 1 | — | — | 1 | 1 | 3 | — | — | — | — | 1 | — | 2 | 1 | — | — | — | 1 |
| 500 to 999 employees | 11 | 5 | — | — | — | — | — | — | 1 | 2 | 1 | — | — | — | — | — | — | — | — | — | — | 1 |
| 1,000 to 2,499 employees | 8 | 2 | — | — | — | — | — | — | — | 1 | — | — | — | — | — | — | — | — | — | — | — | 3 |
| 2,500 employees or more | 6 | — | — | — | — | — | — | — | — | 1 | — | — | — | — | — | — | — | — | 2 | 1 | — | 4 |
| District of Columbia | 514 | 16 | — | — | 9 | 6 | 2 | 2 | 324 | 6 | — | 2 | 1 | 2 | 1 | 9 | 7 | 4 | 4 | 5 | 15 | 99 |
| 1 to 4 employees | 192 | 6 | — | — | 5 | 1 | — | — | 126 | 2 | — | — | — | 1 | 1 | 2 | 1 | 1 | 1 | 3 | 7 | 34 |
| 5 to 9 employees | 118 | 3 | — | — | 2 | 2 | 2 | — | 68 | 1 | — | — | — | — | — | 3 | 2 | 2 | 2 | 2 | 2 | 34 |
| 10 to 19 employees | 77 | 2 | — | — | 2 | 1 | — | — | 53 | — | — | — | — | — | — | 3 | 2 | 2 | 1 | — | 34 | 3 |
| 20 to 49 employees | 73 | 2 | — | — | 2 | 2 | — | 1 | 45 | 1 | — | — | — | — | — | 3 | 1 | 2 | 2 | 1 | 9 | 9 |
| 50 to 99 employees | 29 | 1 | — | — | — | — | — | — | 16 | — | — | — | — | 1 | — | — | — | 1 | 1 | 3 | 1 | 3 |
| 100 to 249 employees | 13 | — | — | — | — | — | — | — | 8 | 1 | — | — | — | — | — | — | — | — | — | — | — | 3 |
| 250 to 499 employees | 6 | 1 | — | — | — | — | — | — | 3 | 1 | — | — | — | — | — | — | — | — | — | — | — | — |
| 500 to 999 employees | 4 | 1 | — | — | — | — | — | — | 3 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 1,000 to 2,499 employees | 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2,500 employees or more | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Florida | 13 723 | 716 | 32 | 141 | 1 227 | 1 311 | 662 | 161 | 2 391 | 460 | 61 | 544 | 84 | 770 | 128 | 1 160 | 1 297 | 622 | 696 | 307 | 694 | 259 |
| 1 to 4 employees | 5 325 | 196 | 14 | 55 | 430 | 573 | 253 | 25 | 1 202 | 156 | 19 | 173 | 29 | 239 | 38 | 377 | 553 | 185 | 257 | 123 | 352 | 76 |
| 5 to 9 employees | 2 575 | 100 | 4 | 20 | 188 | 301 | 146 | 21 | 490 | 84 | 4 | 104 | 15 | 150 | 24 | 221 | 262 | 88 | 113 | 53 | 139 | 38 |
| 10 to 19 employees | 2 224 | 118 | 5 | 22 | 197 | 216 | 105 | 30 | 362 | 67 | 11 | 106 | 12 | 135 | 20 | 210 | 208 | 97 | 112 | 51 | 100 | 40 |
| 20 to 49 employees | 1 970 | 112 | 2 | 23 | 252 | 131 | 104 | 26 | 211 | 89 | 19 | 86 | 18 | 182 | 19 | 198 | 158 | 93 | 103 | 37 | 75 | 42 |
| 50 to 99 employees | 773 | 77 | 1 | 6 | 88 | 53 | 38 | 24 | 67 | 26 | 7 | 44 | 9 | 84 | 30 | 14 | 60 | 51 | 40 | 14 | 14 | 26 |
| 100 to 249 employees | 587 | 68 | 5 | 4 | 55 | 34 | 13 | 22 | 38 | 19 | 1 | 23 | 7 | 26 | 10 | 62 | 45 | 57 | 42 | 20 | 12 | 24 |
| 250 to 499 employees | 158 | 32 | 1 | 1 | 13 | 3 | 3 | 4 | 12 | 10 | — | 6 | 2 | 4 | 3 | 6 | 4 | 23 | 16 | 6 | 2 | 7 |
| 500 to 999 employees | 68 | 10 | — | — | 4 | — | — | 7 | 6 | 6 | — | 1 | 1 | 4 | — | 2 | 4 | 14 | 6 | 2 | 6 | 6 |
| 1,000 to 2,499 employees | 33 | 3 | — | — | — | — | — | 2 | 2 | 2 | — | — | — | — | — | — | 2 | 9 | 5 | 2 | — | — |
| 2,500 employees or more | 10 | — | — | — | — | — | — | — | 1 | 1 | — | — | — | — | — | — | 1 | 5 | 2 | — | — | — |
| Georgia | 8 534 | 501 | 2 | 629 | 639 | 1 707 | 240 | 200 | 1 086 | 353 | 52 | 263 | 35 | 504 | 77 | 516 | 773 | 195 | 144 | 89 | 206 | 323 |
| 1 to 4 employees | 2 685 | 105 | — | 119 | 95 | 846 | 73 | 15 | 477 | 72 | 16 | 53 | 6 | 138 | 14 | 121 | 275 | 52 | 28 | 30 | 88 | 62 |
| 5 to 9 employees | 1 403 | 57 | — | 58 | 35 | 381 | 34 | 16 | 232 | 58 | 14 | 29 | 6 | 106 | 9 | 79 | 148 | 22 | 20 | 15 | 35 | 49 |
| 10 to 19 employees | 1 298 | 57 | — | 64 | 50 | 230 | 42 | 31 | 182 | 62 | 7 | 45 | 5 | 113 | 11 | 98 | 143 | 22 | 29 | 15 | 37 | 55 |
| 20 to 49 employees | 1 008 | 108 | — | 99 | 99 | 123 | 40 | 41 | 113 | 80 | 7 | 62 | 9 | 83 | 14 | 112 | 111 | 27 | 27 | 14 | 24 | 66 |
| 50 to 99 employees | 735 | 60 | — | 71 | 121 | 68 | 24 | 33 | 46 | 40 | 5 | 36 | 2 | 35 | 7 | 56 | 43 | 20 | 12 | 4 | 11 | 41 |
| 100 to 249 employees | 693 | 54 | 1 | 118 | 144 | 51 | 20 | 37 | 23 | 26 | 3 | 32 | 6 | 21 | 10 | 42 | 33 | 21 | 11 | 3 | 7 | 30 |
| 250 to 499 employees | 305 | 36 | — | 65 | 80 | 7 | 7 | 12 | 8 | 9 | — | 3 | 1 | 6 | 5 | 5 | 18 | 20 | 6 | 6 | 2 | 12 |
| 500 to 999 employees | 117 | 18 | — | 32 | 13 | 1 | — | 10 | 4 | 5 | — | 3 | — | 3 | 3 | 3 | 2 | 7 | 5 | 2 | 2 | 5 |
| 1,000 to 2,499 employees | 44 | 6 | — | 13 | 2 | — | — | 5 | 1 | — | — | — | — | — | 1 | — | — | 4 | 3 | 1 | 3 | 3 |
| 2,500 employees or more | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 3 | — | — | — |
| Hawaii | 966 | 221 | — | 8 | 145 | 43 | 32 | 10 | 177 | 21 | 5 | 18 | 12 | 53 | 3 | 42 | 33 | 15 | 11 | 7 | 85 | 25 |
| 1 to 4 employees | 354 | 52 | — | 3 | 35 | 21 | 16 | 1 | 78 | 12 | 1 | 6 | 4 | 21 | 2 | 19 | 16 | 9 | 4 | 2 | 42 | 10 |
| 5 to 9 employees | 204 | 47 | — | 2 | 21 | 10 | 6 | 2 | 38 | 5 | — | 3 | 2 | 9 | — | 11 | 10 | 3 | 3 | 3 | 21 | 2 |
| 10 to 19 employees | 171 | 47 | — | 1 | 37 | 8 | 4 | 3 | 27 | 3 | 2 | 7 | 1 | 10 | — | 6 | 3 | 2 | 1 | 2 | 11 | 3 |
| 20 to 49 employees | 146 | 38 | — | 2 | 37 | 4 | 5 | 2 | 22 | 3 | — | 1 | 2 | 3 | 1 | 3 | 4 | 1 | 1 | 2 | 10 | 2 |
| 50 to 99 employees | 47 | 11 | — | — | 12 | — | 1 | 2 | 4 | 1 | 2 | — | — | — | — | — | — | — | — | — | 7 | 7 |
| 100 to 249 employees | 33 | 6 | — | — | 3 | — | — | — | 4 | — | — | — | — | — | — | 2 | — | — | 2 | — | 1 | 1 |
| 250 to 499 employees | 9 | 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 500 to 999 employees | 6 | 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 1,000 to 2,499 employees | 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

See footnotes at end of table.

Table 5. Distribution of Establishments, by Employment Size Class and Major Group by State: 1982—Con.

[Major group descriptions are: 20—food and kindred products; 21—tobacco manufactures; 22—textile mill products; 23—apparel and other textile products; 24—lumber and wood products; 25—furniture and fixtures; 26—paper and allied products; 27—printing and publishing; 28—chemicals and allied products; 29—petroleum and coal products; 30—rubber, plastic, and glass products; 31—leather and leather products; 32—stone, clay, and glass products; 33—primary metal industries; 34—fabricated metal products; 35—machinery, except electrical; 36—electric and electronic equipment; 37—transportation equipment; 38—miscellaneous manufacturing industries; 39—miscellaneous manufacturing industries. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendices. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

| Geographic area and size class | All establishments ^{1,2} | Number of establishments by major group | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-----------------------------------|---|-----------|-----------|------------|------------|------------|------------|--------------|------------|------------|------------|-----------|------------|------------|--------------|--------------|--------------|------------|------------|------------|-------------|
| | | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | Auxiliaries |
| Idaho | 1 404 | 138 | — | 3 | 17 | 511 | 25 | 10 | 177 | 25 | 116 | 827 | 82 | 713 | 512 | 2 532 | 3 465 | 1 039 | 309 | 452 | 744 | 712 |
| 1 to 4 employees | 579 | 29 | — | — | 8 | 209 | 12 | — | 84 | 10 | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 to 9 employees | 260 | 16 | — | 2 | 3 | 98 | 2 | 2 | 38 | 5 | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 to 19 employees | 215 | 17 | — | 1 | 3 | 81 | 7 | 1 | 26 | 3 | 1 | 5 | 2 | 13 | 2 | 16 | 25 | 7 | 9 | 4 | 4 | 17 |
| 20 to 49 employees | 179 | 29 | — | — | 2 | 64 | 2 | 1 | 16 | 2 | — | — | — | — | — | 12 | 13 | 7 | 3 | 8 | 5 | 4 |
| 50 to 99 employees | 70 | 11 | — | — | — | 30 | 1 | — | 7 | — | — | — | — | — | — | 1 | 3 | 1 | 4 | 2 | 1 | 6 |
| 100 to 249 employees | 70 | 23 | — | — | 1 | 26 | 1 | — | 5 | — | — | — | — | — | — | — | 2 | 2 | 1 | — | — | 2 |
| 250 to 499 employees | 14 | 4 | — | — | — | — | — | — | 1 | — | — | — | — | — | — | — | 4 | 1 | — | — | — | 2 |
| 500 to 999 employees | 17 | 8 | — | — | — | 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2 |
| 1,000 to 2,499 employees | 4 | 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 1 |
| 2,500 employees or more | 18 618 | 1 055 | 1 | 82 | 458 | 556 | 426 | 453 | 3 324 | 760 | 116 | 827 | 82 | 713 | 512 | 2 532 | 3 465 | 1 039 | 309 | 452 | 744 | 712 |
| 1 to 4 employees | 5 133 | 168 | — | 29 | 148 | 230 | 121 | 63 | 1 359 | 172 | 30 | 174 | 14 | 219 | 65 | 497 | 1 049 | 198 | 79 | 122 | 291 | 105 |
| 5 to 9 employees | 3 121 | 151 | — | 10 | 68 | 112 | 72 | 36 | 616 | 99 | 23 | 119 | 10 | 146 | 83 | 423 | 707 | 136 | 43 | 66 | 115 | 89 |
| 10 to 19 employees | 3 261 | 158 | — | 12 | 62 | 100 | 70 | 75 | 547 | 136 | 15 | 139 | 10 | 144 | 70 | 554 | 678 | 143 | 49 | 78 | 115 | 104 |
| 20 to 49 employees | 3 289 | 221 | — | 18 | 82 | 84 | 72 | 108 | 412 | 172 | 24 | 189 | 18 | 119 | 119 | 567 | 535 | 200 | 40 | 69 | 101 | 139 |
| 50 to 99 employees | 1 716 | 140 | — | 8 | 56 | 16 | 40 | 70 | 205 | 89 | 10 | 99 | 15 | 34 | 70 | 246 | 216 | 145 | 41 | 48 | 59 | 109 |
| 100 to 249 employees | 1 317 | 137 | — | 3 | 34 | 11 | 38 | 78 | 125 | 54 | 6 | 86 | 12 | 29 | 67 | 169 | 165 | 114 | 25 | 37 | 43 | 84 |
| 250 to 499 employees | 444 | 51 | — | 2 | 7 | 2 | 9 | 17 | 36 | 22 | 2 | 14 | 3 | 14 | 17 | 49 | 64 | 43 | 17 | 18 | 13 | 43 |
| 500 to 999 employees | 221 | 21 | — | — | — | 1 | 3 | 5 | 15 | 14 | 5 | 2 | — | 5 | 10 | 21 | 35 | 38 | 10 | 9 | 4 | 23 |
| 1,000 to 2,499 employees | 82 | 6 | — | — | — | — | 1 | 1 | 6 | 1 | — | — | — | 3 | 7 | 5 | 10 | 14 | 1 | 5 | 3 | 13 |
| 2,500 employees or more | 33 | 2 | — | — | — | — | — | — | 3 | 1 | — | — | — | — | 4 | 1 | 6 | 8 | 4 | — | — | 3 |
| Illinois | 7 960 | 446 | 1 | 29 | 158 | 650 | 253 | 174 | 1 058 | 230 | 53 | 440 | 22 | 450 | 276 | 997 | 1 437 | 336 | 378 | 139 | 244 | 189 |
| 1 to 4 employees | 2 196 | 85 | — | 13 | 51 | 240 | 54 | 22 | 443 | 55 | 16 | 83 | 4 | 151 | 26 | 220 | 411 | 62 | 75 | 41 | 105 | 39 |
| 5 to 9 employees | 1 240 | 53 | — | 6 | 20 | 123 | 32 | 12 | 205 | 37 | 7 | 46 | 1 | 75 | 33 | 135 | 296 | 41 | 41 | 22 | 34 | 25 |
| 10 to 19 employees | 1 340 | 56 | — | 4 | 27 | 111 | 38 | 18 | 172 | 51 | 12 | 73 | 1 | 100 | 32 | 188 | 296 | 25 | 55 | 22 | 30 | 29 |
| 20 to 49 employees | 1 382 | 108 | — | 1 | 23 | 98 | 44 | 44 | 125 | 35 | 5 | 90 | 5 | 62 | 63 | 229 | 292 | 66 | 72 | 23 | 30 | 32 |
| 50 to 99 employees | 763 | 62 | — | 2 | 14 | 43 | 38 | 39 | 65 | 22 | 5 | 72 | 2 | 21 | 42 | 99 | 105 | 41 | 38 | 9 | 14 | 26 |
| 100 to 249 employees | 609 | 47 | — | 2 | 7 | 27 | 30 | 32 | 31 | 13 | 4 | 50 | 2 | 26 | 44 | 84 | 58 | 48 | 53 | 10 | 11 | 22 |
| 250 to 499 employees | 244 | 25 | — | 1 | 8 | 8 | 9 | 7 | 11 | 5 | 7 | 1 | 18 | 3 | 8 | 13 | 27 | 24 | 18 | 7 | 6 | 10 |
| 500 to 999 employees | 110 | 9 | — | — | — | — | 4 | — | 3 | 5 | 3 | 6 | — | 5 | 11 | 7 | 17 | 21 | 13 | 3 | — | 5 |
| 1,000 to 2,499 employees | 46 | — | — | — | — | — | 4 | — | 3 | — | 1 | 2 | — | 2 | 4 | 1 | 1 | 5 | 8 | 2 | 1 | — |
| 2,500 employees or more | 20 | — | — | — | — | — | — | — | — | 2 | — | — | — | — | 8 | 1 | 1 | 7 | 5 | — | — | — |
| Iowa | 3 598 | 484 | — | 13 | 74 | 183 | 54 | 55 | 791 | 124 | 14 | 119 | 18 | 332 | 71 | 282 | 562 | 100 | 89 | 39 | 120 | 74 |
| 1 to 4 employees | 1 151 | 94 | — | 5 | 23 | 96 | 14 | 5 | 321 | 34 | 5 | 30 | 4 | 154 | 9 | 64 | 164 | 28 | 24 | 16 | 44 | 17 |
| 5 to 9 employees | 626 | 69 | — | 1 | 7 | 25 | 11 | 5 | 137 | 26 | 3 | 15 | — | 78 | 15 | 55 | 103 | 6 | 12 | 6 | 20 | 12 |
| 10 to 19 employees | 598 | 85 | — | 2 | 10 | 28 | 6 | 8 | 149 | 21 | 1 | 24 | 2 | 46 | 12 | 42 | 91 | 13 | 17 | 7 | 20 | 14 |
| 20 to 49 employees | 556 | 84 | — | — | 15 | 24 | 11 | 12 | 101 | 22 | 5 | 18 | 6 | 35 | 12 | 56 | 84 | 14 | 15 | 5 | 19 | 18 |
| 50 to 99 employees | 285 | 60 | — | 2 | 6 | 7 | 3 | 12 | 37 | 7 | — | 20 | 5 | 10 | 7 | 27 | 44 | 12 | 9 | — | 7 | 5 |
| 100 to 249 employees | 226 | 46 | — | — | 2 | 2 | 7 | 8 | 18 | 6 | — | 6 | 1 | 8 | 10 | 26 | 46 | 14 | 7 | 2 | 5 | 5 |
| 250 to 499 employees | 84 | 26 | — | 1 | 1 | — | — | 4 | 5 | 6 | — | 3 | — | 1 | 5 | 8 | 11 | 5 | 4 | 2 | 2 | 2 |
| 500 to 999 employees | 39 | 13 | — | — | — | — | 1 | 1 | 1 | 1 | — | — | — | — | — | 2 | 9 | 5 | 1 | 1 | 1 | 1 |
| 1,000 to 2,499 employees | 28 | 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 8 | 2 | — | — | — | — |
| 2,500 employees or more | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 1 | 1 | 1 | 2 | — | — |
| Kansas | 3 235 | 303 | — | 10 | 66 | 139 | 58 | 46 | 617 | 104 | 35 | 136 | 8 | 229 | 63 | 278 | 620 | 125 | 143 | 53 | 101 | 101 |
| 1 to 4 employees | 1 013 | 60 | — | 6 | 20 | 52 | 21 | 4 | 230 | 23 | 6 | 31 | 3 | 82 | 13 | 72 | 218 | 35 | 39 | 16 | 55 | 27 |
| 5 to 9 employees | 613 | 48 | — | 3 | 7 | 27 | 8 | 3 | 136 | 14 | 3 | 24 | 2 | 55 | 11 | 48 | 129 | 23 | 22 | 8 | 18 | 24 |
| 10 to 19 employees | 506 | 55 | — | 1 | 8 | 23 | 10 | 5 | 100 | 10 | 4 | 22 | 1 | 39 | 11 | 52 | 92 | 20 | 19 | 9 | 10 | 15 |
| 20 to 49 employees | 546 | 59 | — | — | 10 | 19 | 5 | 10 | 89 | 27 | 6 | 27 | 2 | 30 | 14 | 61 | 98 | 20 | 28 | 9 | 13 | 15 |
| 50 to 99 employees | 248 | 36 | — | — | 9 | 9 | 5 | 11 | 32 | 9 | 3 | 19 | 2 | 9 | 5 | 27 | 32 | 11 | 14 | 5 | 4 | 7 |
| 100 to 249 employees | 196 | 27 | — | — | 3 | 9 | 4 | 9 | 18 | 13 | 7 | 5 | — | 11 | 7 | 17 | 32 | 6 | 11 | 4 | 4 | 8 |
| 250 to 499 employees | 68 | 11 | — | — | — | — | — | 3 | 6 | 4 | 4 | 5 | — | 2 | 1 | — | 12 | 8 | 3 | 4 | 1 | 2 |
| 500 to 999 employees | 29 | 2 | — | — | — | — | — | — | 6 | 4 | 2 | 1 | — | 2 | 1 | 1 | 4 | 1 | 1 | 1 | 2 | 3 |
| 1,000 to 2,499 employees | 12 | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 3 | — | — | — | — | — |
| 2,500 employees or more | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Kentucky | 3 502 | 272 | 15 | 30 | 161 | 499 | 86 | 62 | 540 | 130 | 35 | 122 | 17 | 260 | 63 | 308 | 457 | 119 | 79 | 29 | 92 | 126 |
| 1 to 4 employees | 1 020 | 59 | — | 4 | 23 | 230 | 21 | 5 | 201 | 27 | 14 | 28 | 4 | 88 | 6 | 67 | 129 | 23 | 17 | 5 | 38 | 30 |
| 5 to 9 employees | 585 | 34 | — | 3 | 8 | 170 | 25 | 4 | 133 | 17 | 9 | 11 | 1 | 59 | 7 | 35 | 99 | 17 | 13 | 8 | 20 | 14 |
| 10 to 19 employees | 543 | 41 | — | 3 | 8 | 104 | 11 | 15 | 87 | 21 | 4 | 16 | 1 | 52 | 11 | 51 | 79 | 12 | 12 | 4 | 8 | 13 |
| 20 to 49 employees | 515 | 49 | — | 6 | 19 | 64 | 14 | 10 | 62 | 25 | 4 | 24 | 2 | 37 | 8 | 66 | 64 | 14 | 9 | 1 | 11 | 21 |
| 50 to 99 employees | 286 | 33 | — | 4 | 5 | 29 | 6 | 10 | 30 | 12 | 2 | 20 | 3 | 8 | 6 | 40 | 21 | 17 | 8 | 4 | 4 | 15 |
| 100 to 249 employees | 314 | 31 | — | 5 | 40 | 11 | 9 | 13 | 19 | 12 | 2 | 15 | 2 | 11 | 17 | 32 | 35 | 15 | 9 | 3 | 10 | 17 |
| 250 to 499 employees | 152 | 22 | — | 2 | 25 | 1 | | | | | | | | | | | | | | | | |

See footnotes at end of table.

Table 5. Distribution of Establishments, by Employment Size Class and Major Group by State: 1982—Con.

[Major group descriptions are: 20—food and kindred products; 21—tobacco manufactures; 22—textile mill products; 23—apparel and other textile products; 24—lumber and wood products; 25—furniture and fixtures; 26—paper and allied products; 27—printing and publishing; 28—chemicals and allied products; 29—petroleum and coal products; 30—rubber and miscellaneous plastics products; 31—leather and leather products; 32—stone, clay, and glass products; 33—primary metal industries; 34—fabricated metal products; 35—machinery, except electrical; 36—electric and electronic equipment; 37—transportation equipment; 38—instruments and related products; 39—miscellaneous manufacturing industries. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

| Geographic area and size class | All establishments ^{1,2} | Number of establishments by major group | | | | | | | | | | | | | | | | | | | 39 | Auxiliaries |
|--------------------------------|-----------------------------------|---|----|-----|-----|-----|-----|-----|-------|-----|----|-----|-----|-----|-----|-------|-------|-----|-----|-----|-----|-------------|
| | | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | | |
| Louisiana | 4 107 | 423 | 1 | 15 | 117 | 766 | 48 | 57 | 551 | 234 | 79 | 71 | 4 | 233 | 52 | 353 | 550 | 68 | 240 | 43 | 110 | 92 |
| 1 to 4 employees | 1 392 | 81 | 1 | 5 | 33 | 416 | 17 | 4 | 230 | 57 | 13 | 22 | 2 | 47 | 9 | 91 | 185 | 22 | 62 | 13 | 52 | 30 |
| 5 to 9 employees | 1 717 | 60 | — | 4 | 15 | 146 | 10 | 4 | 119 | 33 | 8 | 16 | — | 42 | 6 | 63 | 108 | 12 | 30 | 7 | 22 | 12 |
| 10 to 19 employees | 663 | 55 | — | 2 | 7 | 93 | 14 | 4 | 102 | 29 | 12 | 10 | — | 59 | 11 | 60 | 120 | 10 | 31 | 8 | 16 | 17 |
| 20 to 49 employees | 613 | 94 | — | 1 | 18 | 65 | 5 | 9 | 64 | 32 | 13 | 14 | — | 48 | 8 | 72 | 84 | 8 | 45 | 9 | 12 | 12 |
| 50 to 99 employees | 311 | 69 | — | 1 | 14 | 21 | — | 12 | 23 | 24 | 10 | 4 | — | 24 | 5 | 34 | 28 | 5 | 20 | 3 | 2 | 12 |
| 100 to 249 employees | 246 | 46 | — | 1 | 23 | 22 | 2 | 10 | 10 | 24 | 8 | 4 | 1 | 11 | 8 | 19 | 14 | 4 | 28 | 1 | 4 | 6 |
| 250 to 499 employees | 100 | 15 | — | — | 4 | 3 | — | 6 | 2 | 12 | 4 | — | — | 1 | 1 | 9 | 8 | 4 | 17 | 2 | — | 2 |
| 500 to 999 employees | 49 | 3 | — | 1 | 3 | — | — | — | — | 4 | 3 | — | — | 1 | 3 | 4 | 3 | 2 | 4 | — | — | — |
| 1,000 to 2,499 employees | 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2,500 employees or more | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Maine | 2 009 | 167 | — | 62 | 46 | 700 | 36 | 44 | 223 | 25 | 12 | 44 | 86 | 66 | 12 | 96 | 145 | 50 | 104 | 21 | 52 | 18 |
| 1 to 4 employees | 805 | 44 | — | 11 | 12 | 379 | 13 | 3 | 104 | 7 | 2 | 8 | 13 | 29 | 3 | 30 | 47 | 9 | 46 | 11 | 30 | 4 |
| 5 to 9 employees | 312 | 24 | — | 2 | 7 | 108 | 6 | 1 | 50 | 3 | 2 | 5 | 3 | 13 | 2 | 16 | 30 | 5 | 24 | 3 | 6 | 2 |
| 10 to 19 employees | 276 | 22 | — | 6 | 4 | 86 | 8 | 5 | 32 | 7 | 3 | 8 | 3 | 12 | 3 | 18 | 32 | 4 | 14 | — | 8 | 1 |
| 20 to 49 employees | 245 | 34 | — | 9 | 9 | 64 | 4 | 7 | 21 | 3 | 2 | 8 | 10 | 9 | 1 | 13 | 14 | 8 | 14 | 3 | 6 | 5 |
| 50 to 99 employees | 139 | 17 | — | 3 | 5 | 37 | 1 | 3 | 7 | 4 | 3 | 5 | 10 | 2 | 2 | 13 | 9 | 6 | 3 | 1 | 3 | 3 |
| 100 to 249 employees | 122 | 19 | — | 15 | 3 | 19 | 3 | 6 | 5 | 1 | — | 4 | 17 | 1 | 1 | 4 | 9 | 7 | 1 | 3 | 2 | — |
| 250 to 499 employees | 70 | 3 | — | 8 | 5 | 6 | 1 | 1 | 4 | — | — | 2 | 22 | — | — | 1 | 2 | 8 | 1 | — | — | — |
| 500 to 999 employees | 28 | 4 | — | 2 | 1 | 1 | — | 7 | — | — | — | 3 | 7 | — | — | — | 2 | 2 | — | — | — | — |
| 1,000 to 2,499 employees | 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2,500 employees or more | 2 | — | — | — | — | — | — | — | — | — | — | — | 1 | — | — | — | — | — | — | — | — | — |
| Maryland | 3 883 | 365 | 2 | 19 | 220 | 268 | 110 | 76 | 880 | 168 | 43 | 107 | 19 | 195 | 47 | 342 | 342 | 198 | 91 | 130 | 148 | 113 |
| 1 to 4 employees | 1 235 | 83 | 2 | 6 | 55 | 122 | 38 | 8 | 361 | 36 | 9 | 18 | 3 | 52 | 13 | 97 | 126 | 51 | 33 | 45 | 60 | 17 |
| 5 to 9 employees | 635 | 54 | — | 1 | 27 | 54 | 19 | 6 | 155 | 28 | 15 | 24 | 2 | 19 | 4 | 54 | 58 | 28 | 16 | 23 | 37 | 13 |
| 10 to 19 employees | 631 | 67 | — | 4 | 38 | 42 | 16 | 14 | 136 | 26 | 7 | 10 | 2 | 45 | 3 | 67 | 52 | 27 | 10 | 20 | 20 | 18 |
| 20 to 49 employees | 606 | 63 | — | 3 | 28 | 41 | 19 | 20 | 120 | 26 | 3 | 20 | 3 | 48 | 8 | 57 | 50 | 25 | 16 | 27 | 17 | 18 |
| 50 to 99 employees | 332 | 33 | — | 2 | 29 | 7 | 11 | 7 | 59 | 21 | 6 | 16 | 2 | 17 | 6 | 37 | 27 | 21 | 4 | 9 | 7 | 11 |
| 100 to 249 employees | 272 | 44 | — | 1 | 28 | 4 | 5 | 18 | 41 | 20 | 3 | 9 | 6 | 11 | 6 | 20 | 13 | 16 | 4 | 2 | 5 | 16 |
| 250 to 499 employees | 103 | 14 | — | 1 | 13 | — | 1 | 1 | 4 | 5 | — | 7 | 1 | 2 | 3 | 1 | 10 | 16 | 2 | 4 | 1 | 11 |
| 500 to 999 employees | 40 | 5 | — | — | — | — | — | — | 3 | 5 | — | 1 | — | — | — | — | 2 | 6 | 2 | — | — | — |
| 1,000 to 2,499 employees | 21 | 2 | — | — | — | — | — | — | 1 | — | — | 2 | — | — | — | — | 2 | 4 | 3 | — | — | — |
| 2,500 employees or more | 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 1 | 4 | 1 | — | — | — |
| Massachusetts | 11 017 | 570 | 3 | 251 | 700 | 421 | 268 | 304 | 1 597 | 312 | 62 | 573 | 260 | 307 | 233 | 1 171 | 1 798 | 722 | 190 | 458 | 567 | 250 |
| 1 to 4 employees | 3 058 | 155 | 1 | 35 | 130 | 192 | 93 | 26 | 581 | 73 | 15 | 122 | 55 | 92 | 38 | 275 | 558 | 165 | 66 | 121 | 233 | 32 |
| 5 to 9 employees | 1 775 | 68 | 1 | 30 | 83 | 88 | 41 | 26 | 323 | 54 | 23 | 62 | 38 | 38 | 22 | 205 | 354 | 88 | 29 | 68 | 88 | 21 |
| 10 to 19 employees | 1 992 | 107 | — | 29 | 110 | 68 | 56 | 37 | 287 | 62 | 9 | 100 | 38 | 64 | 47 | 244 | 333 | 92 | 35 | 59 | 88 | 35 |
| 20 to 49 employees | 1 894 | 111 | — | 71 | 164 | 51 | 45 | 70 | 222 | 58 | 7 | 124 | 46 | 50 | 57 | 276 | 275 | 117 | 25 | 87 | 85 | 44 |
| 50 to 99 employees | 1 005 | 66 | — | 30 | 112 | 17 | 18 | 57 | 93 | 34 | 6 | 76 | 29 | 20 | 33 | 90 | 127 | 83 | 16 | 34 | 32 | 34 |
| 100 to 249 employees | 839 | 40 | — | 31 | 74 | 5 | 13 | 71 | 61 | 15 | 2 | 70 | 36 | 13 | 27 | 54 | 87 | 111 | 9 | 47 | 26 | 47 |
| 250 to 499 employees | 256 | 17 | — | 20 | 19 | — | 1 | 13 | 14 | 9 | — | 15 | 17 | 3 | 6 | 15 | 30 | 29 | 5 | 20 | 7 | 16 |
| 500 to 999 employees | 121 | 6 | — | 3 | 8 | — | — | 3 | 12 | 7 | — | 3 | 1 | — | 3 | 5 | 20 | 21 | 1 | 10 | 5 | 12 |
| 1,000 to 2,499 employees | 57 | — | — | 2 | — | — | — | — | 4 | — | — | — | — | 1 | — | — | 13 | 9 | 2 | 11 | 3 | 5 |
| 2,500 employees or more | 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 3 | 7 | 2 | 1 | — | 4 |
| Michigan | 15 158 | 626 | 2 | 48 | 213 | 990 | 278 | 234 | 1 708 | 399 | 71 | 709 | 31 | 608 | 548 | 2 407 | 4 094 | 493 | 564 | 264 | 465 | 406 |
| 1 to 4 employees | 4 589 | 153 | 2 | 21 | 89 | 531 | 76 | 33 | 753 | 112 | 23 | 143 | 10 | 244 | 78 | 533 | 1 162 | 141 | 121 | 83 | 233 | 48 |
| 5 to 9 employees | 2 710 | 67 | — | 5 | 24 | 193 | 47 | 16 | 340 | 71 | 16 | 102 | 8 | 139 | 69 | 413 | 861 | 71 | 64 | 50 | 97 | 41 |
| 10 to 19 employees | 2 849 | 104 | — | 14 | 55 | 144 | 47 | 41 | 290 | 80 | 11 | 133 | 8 | 107 | 118 | 542 | 898 | 75 | 80 | 31 | 61 | 50 |
| 20 to 49 employees | 1 258 | 125 | — | 8 | 25 | 88 | 48 | 52 | 174 | 59 | 14 | 164 | 2 | 75 | 131 | 577 | 732 | 93 | 99 | 45 | 45 | 102 |
| 50 to 99 employees | 1 036 | 71 | — | 21 | 18 | 21 | 26 | 32 | 86 | 38 | 3 | 98 | 2 | 16 | 63 | 158 | 243 | 54 | 64 | 26 | 15 | 51 |
| 100 to 249 employees | 769 | 73 | — | 4 | 6 | 9 | 23 | 39 | 38 | 19 | 3 | 52 | 4 | 17 | 56 | 136 | 123 | 38 | 59 | 17 | 6 | 47 |
| 250 to 499 employees | 266 | 20 | — | 1 | 6 | 4 | 3 | 18 | 15 | 10 | 1 | 14 | 4 | 5 | 19 | 28 | 42 | 12 | 23 | 8 | 6 | 27 |
| 500 to 999 employees | 113 | 10 | — | 1 | 3 | — | 4 | 2 | 2 | 5 | — | 2 | — | 4 | 8 | 9 | 22 | 5 | 10 | 3 | 2 | 20 |
| 1,000 to 2,499 employees | 66 | 2 | — | — | — | — | 3 | 1 | 1 | 2 | — | — | — | 1 | 3 | 5 | 9 | 4 | 21 | 3 | — | 9 |
| 2,500 employees or more | 52 | 1 | — | — | 1 | — | — | — | — | 3 | — | — | — | — | — | 6 | 2 | — | 23 | — | — | 11 |
| Minnesota | 6 775 | 559 | — | 29 | 159 | 536 | 138 | 105 | 1 200 | 196 | 37 | 298 | 20 | 388 | 109 | 687 | 1 236 | 298 | 138 | 166 | 263 | 213 |
| 1 to 4 employees | 2 257 | 107 | — | 5 | 48 | 292 | 47 | 16 | 477 | 71 | 13 | 76 | 7 | 169 | 18 | 186 | 402 | 69 | 55 | 46 | 126 | 27 |
| 5 to 9 employees | 1 108 | 75 | — | 6 | 30 | 95 | 31 | 15 | 253 | 35 | 6 | 41 | 2 | 88 | 11 | 133 | 231 | 35 | 21 | 23 | 46 | 35 |
| 10 to 19 employees | 1 098 | 77 | — | 6 | 44 | 65 | 20 | 12 | 205 | 35 | 5 | 52 | 1 | 59 | 16 | 128 | 225 | 53 | 16 | 29 | 34 | 35 |
| 20 to 49 employees | 1 031 | 127 | — | 5 | 24 | 47 | 22 | 17 | 151 | 26 | 7 | 63 | 5 | 45 | 33 | 127 | 167 | 53 | 18 | 23 | 31 | 40 |
| 50 to 99 employees | 535 | 60 | — | 4 | 22 | 23 | 8 | 18 | 65 | 15 | 3 | 33 | 2 | 15 | 15 | 65 | 90 | 30 | 13 | 12 | 12 | 29 |
| 100 to 249 employees | 410 | 75 | — | 3 | 3 | 10 | 9 | 16 | 32 | 9 | 1 | 23 | 1 | 5 | 9 | 35 | 75 | 30 | 11 | 20 | 10 | 33 |
| 250 to 499 employees | 136 | 28 | — | 2 | 2 | 2 | 1 | 2 | 10 | 3 | 1 | 8 | — | 4 | 4 | 6 | 25 | 14 | 3 | 7 | 3 | 11 |
| 500 to 999 employees | 33 | 3 | — | — | — | 1 | — | 6 | 3 | 2 | — | — | — | 2 | 2 | 3 | 17 | 9 | — | 2 | 1 | 8 |
| 1,000 to 2,499 employees | 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 7 | 4 | — | — | — | 2 |
| 2,500 employees or more | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

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| Geographic area and size class | All establishments ^{1,2} | Number of establishments by major group | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-----------------------------------|---|----|----|-----|-----|-----|-----|-------|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| | | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | Auxiliaries |
| Mississippi----- | 3 126 | 266 | - | 30 | 214 | 929 | 168 | 47 | 293 | 90 | 24 | 89 | 8 | 174 | 42 | 191 | 249 | 83 | 75 | 26 | 74 | 54 |
| 1 to 4 employees----- | 998 | 56 | - | 5 | 19 | 464 | 44 | 4 | 131 | 32 | 5 | 15 | - | 40 | 6 | 30 | 77 | 11 | 14 | 4 | 26 | 15 |
| 5 to 9 employees----- | 504 | 24 | - | 3 | 6 | 180 | 17 | 5 | 68 | 12 | 6 | 13 | - | 44 | 1 | 29 | 56 | 5 | 9 | 5 | 14 | 6 |
| 10 to 19 employees----- | 401 | 54 | - | 3 | 10 | 96 | 17 | 5 | 40 | 15 | 1 | 15 | - | 34 | 3 | 37 | 39 | 8 | 11 | 2 | 14 | 8 |
| 20 to 49 employees----- | 451 | 54 | - | 2 | 14 | 98 | 32 | 7 | 30 | 9 | 8 | 22 | - | 25 | 9 | 44 | 39 | 14 | 9 | 7 | 3 | 18 |
| 50 to 99 employees----- | 267 | 30 | - | 2 | 31 | 46 | 25 | 7 | 13 | 8 | 1 | 6 | - | 10 | 9 | 29 | 13 | 3 | 12 | 3 | 4 | 4 |
| 100 to 249 employees----- | 306 | 32 | - | 3 | 43 | 33 | 17 | 10 | 6 | 8 | 2 | 13 | - | 19 | 11 | 12 | 11 | 20 | 12 | 5 | 4 | 1 |
| 250 to 499 employees----- | 137 | 12 | - | 7 | 80 | 11 | 5 | 4 | 2 | 3 | 1 | 1 | - | 2 | 3 | 2 | 7 | 13 | 3 | 2 | 1 | - |
| 500 to 999 employees----- | 48 | 4 | - | 5 | 11 | 1 | 5 | 2 | 2 | 3 | 1 | 1 | - | - | - | 1 | 3 | 6 | 2 | - | - | - |
| 1,000 to 2,499 employees----- | 13 | 1 | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | 1 | 3 | 2 | - | - | - |
| 2,500 employees or more----- | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - |
| Missouri----- | 7 069 | 537 | - | 26 | 324 | 649 | 172 | 143 | 1 338 | 351 | 46 | 251 | 105 | 405 | 142 | 657 | 890 | 224 | 171 | 114 | 280 | 244 |
| 1 to 4 employees----- | 2 129 | 123 | - | 8 | 69 | 306 | 40 | 15 | 537 | 86 | 13 | 57 | 15 | 132 | 22 | 148 | 277 | 53 | 34 | 31 | 125 | 38 |
| 5 to 9 employees----- | 1 315 | 83 | - | 3 | 32 | 121 | 38 | 14 | 307 | 74 | 7 | 28 | 10 | 95 | 18 | 120 | 213 | 32 | 19 | 19 | 43 | 39 |
| 10 to 19 employees----- | 1 158 | 73 | - | 5 | 39 | 102 | 25 | 20 | 224 | 58 | 9 | 44 | 7 | 80 | 23 | 119 | 169 | 22 | 32 | 22 | 39 | 39 |
| 20 to 49 employees----- | 1 144 | 108 | - | 6 | 66 | 89 | 36 | 31 | 166 | 57 | 7 | 55 | 15 | 66 | 23 | 141 | 114 | 35 | 30 | 18 | 44 | 44 |
| 50 to 99 employees----- | 539 | 56 | - | 2 | 37 | 25 | 18 | 29 | 47 | 29 | 7 | 33 | 11 | 8 | 24 | 65 | 52 | 18 | 16 | 13 | 34 | 34 |
| 100 to 249 employees----- | 481 | 59 | - | 2 | 59 | 25 | 9 | 26 | 42 | 26 | 1 | 24 | 15 | 16 | 23 | 41 | 42 | 26 | 19 | 5 | 13 | 28 |
| 250 to 499 employees----- | 193 | 24 | - | 1 | 18 | 1 | 3 | 4 | 9 | 12 | 2 | 8 | 26 | 6 | 6 | 15 | 15 | 20 | 9 | 4 | 1 | 10 |
| 500 to 999 employees----- | 70 | 9 | - | - | 3 | - | 3 | 2 | 3 | 5 | - | 2 | 6 | 2 | 1 | 5 | 2 | 11 | 5 | 2 | 1 | 5 |
| 1,000 to 2,499 employees----- | 27 | 1 | - | - | 1 | - | - | 2 | 2 | 4 | - | - | - | - | - | 1 | 2 | 5 | 2 | - | - | 5 |
| 2,500 employees or more----- | 13 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 5 | - | - | 5 |
| Montana----- | 1 090 | 116 | - | 4 | 11 | 378 | 15 | 3 | 173 | 26 | 8 | 8 | 7 | 100 | 12 | 53 | 73 | 15 | 15 | 13 | 48 | 12 |
| 1 to 4 employees----- | 555 | 36 | - | - | 6 | 224 | 10 | 1 | 85 | 13 | 1 | 6 | 5 | 48 | 4 | 23 | 39 | 4 | 10 | 7 | 28 | 5 |
| 5 to 9 employees----- | 203 | 19 | - | 1 | 3 | 60 | 1 | 1 | 38 | 2 | 1 | 2 | 1 | 25 | 3 | 10 | 14 | 5 | 2 | 2 | 13 | 5 |
| 10 to 19 employees----- | 156 | 27 | - | 2 | 2 | 40 | 4 | - | 27 | 3 | 3 | 2 | 1 | 13 | 3 | 10 | 13 | 2 | 3 | 2 | 2 | 2 |
| 20 to 49 employees----- | 96 | 18 | - | 1 | - | 20 | - | - | 15 | 3 | 3 | 2 | - | 12 | - | 5 | 6 | 2 | - | 1 | 3 | - |
| 50 to 99 employees----- | 43 | 9 | - | - | - | 11 | - | - | 4 | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - |
| 100 to 249 employees----- | 27 | 6 | - | 2 | - | - | - | - | 3 | 1 | 1 | - | - | 2 | - | - | - | 1 | - | - | - | - |
| 250 to 499 employees----- | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 500 to 999 employees----- | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,000 to 2,499 employees----- | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Nebraska----- | 1 928 | 342 | - | 5 | 51 | 82 | 40 | 22 | 407 | 61 | 4 | 59 | 6 | 159 | 26 | 134 | 285 | 57 | 44 | 24 | 72 | 48 |
| 1 to 4 employees----- | 640 | 66 | - | 2 | 23 | 36 | 9 | 3 | 178 | 16 | - | 15 | 1 | 64 | 9 | 31 | 102 | 18 | 7 | 8 | 40 | 12 |
| 5 to 9 employees----- | 352 | 46 | - | 1 | 5 | 17 | 11 | 3 | 84 | 13 | 1 | 12 | 2 | 37 | 4 | 26 | 55 | 7 | 12 | 9 | 10 | 10 |
| 10 to 19 employees----- | 303 | 54 | - | - | 9 | 14 | 9 | 8 | 52 | 12 | 1 | 10 | 3 | 33 | 2 | 22 | 41 | 5 | 7 | 2 | 12 | 3 |
| 20 to 49 employees----- | 297 | 76 | - | 3 | 5 | 6 | 6 | 5 | 54 | 7 | 1 | 5 | - | 16 | 3 | 24 | 47 | 10 | 6 | 2 | 7 | 12 |
| 50 to 99 employees----- | 154 | 46 | - | 1 | 5 | 6 | 2 | 1 | 19 | 5 | 1 | 5 | - | 5 | 5 | 14 | 15 | 8 | 5 | 4 | 2 | 5 |
| 100 to 249 employees----- | 105 | 34 | - | 1 | 5 | 3 | 1 | 5 | 5 | 2 | 1 | 3 | - | 4 | 1 | 11 | 15 | 3 | 1 | 1 | 1 | 3 |
| 250 to 499 employees----- | 41 | 11 | - | 1 | 1 | 1 | 1 | 1 | 4 | 2 | - | 1 | - | - | - | 4 | 7 | 2 | 3 | 2 | 2 | 2 |
| 500 to 999 employees----- | 25 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - |
| 1,000 to 2,499 employees----- | 10 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2,500 employees or more----- | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Nevada----- | 851 | 45 | - | 2 | 22 | 49 | 21 | 4 | 179 | 36 | 2 | 32 | 3 | 72 | 14 | 80 | 100 | 42 | 23 | 21 | 76 | 28 |
| 1 to 4 employees----- | 372 | 11 | - | - | 10 | 22 | 9 | 1 | 89 | 15 | 1 | 9 | 3 | 23 | 6 | 32 | 54 | 21 | 10 | 10 | 33 | 13 |
| 5 to 9 employees----- | 164 | 11 | - | 1 | 4 | 13 | 7 | 1 | 42 | 4 | - | 2 | - | 11 | - | 16 | 20 | 8 | 5 | 1 | 13 | 6 |
| 10 to 19 employees----- | 138 | 5 | - | - | 6 | 8 | 3 | 1 | 27 | 9 | - | 6 | - | 17 | 3 | 12 | 11 | 6 | 3 | 5 | 13 | 3 |
| 20 to 49 employees----- | 91 | 9 | - | 1 | 2 | 4 | 2 | 2 | 10 | 2 | 1 | 9 | - | 12 | - | 10 | 5 | 4 | 2 | 5 | 9 | 3 |
| 50 to 99 employees----- | 48 | 6 | - | - | - | 1 | - | - | 8 | 4 | - | 3 | - | 7 | 1 | 2 | 5 | 1 | 1 | 2 | 5 | - |
| 100 to 249 employees----- | 27 | 3 | - | - | - | - | - | - | 3 | - | - | - | - | 2 | 3 | 2 | 5 | - | - | - | 2 | - |
| 250 to 499 employees----- | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 500 to 999 employees----- | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,000 to 2,499 employees----- | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| New Hampshire----- | 1 981 | 67 | - | 49 | 62 | 344 | 46 | 47 | 274 | 34 | 8 | 81 | 54 | 72 | 41 | 161 | 307 | 151 | 25 | 68 | 69 | 21 |
| 1 to 4 employees----- | 661 | 21 | - | 8 | 11 | 167 | 18 | 6 | 107 | 10 | 3 | 14 | 7 | 26 | 10 | 41 | 105 | 36 | 12 | 20 | 34 | 5 |
| 5 to 9 employees----- | 305 | 12 | - | 5 | 5 | 70 | 12 | 3 | 46 | 10 | 3 | 11 | 3 | 9 | 2 | 32 | 53 | 18 | 3 | 9 | 11 | 1 |
| 10 to 19 employees----- | 294 | 9 | - | 5 | 11 | 45 | 10 | 4 | 59 | 7 | 2 | 16 | 11 | 13 | 5 | 27 | 46 | 16 | 3 | 8 | 6 | 2 |
| 20 to 49 employees----- | 318 | 14 | - | 9 | 17 | 43 | 5 | 14 | 34 | 4 | 2 | 28 | 9 | 14 | 9 | 35 | 41 | 28 | 1 | 12 | 8 | 2 |
| 50 to 99 employees----- | 158 | 5 | - | 11 | 9 | 8 | 7 | 9 | 11 | 2 | - | 12 | 6 | 6 | 2 | 10 | 21 | 19 | 1 | 6 | 6 | 3 |
| 100 to 249 employees----- | 145 | 4 | - | 5 | 8 | 11 | 4 | 6 | 11 | 1 | - | 6 | 2 | 2 | 8 | 9 | 22 | 21 | 7 | 2 | 3 | 5 |
| 250 to 499 employees----- | 61 | 1 | - | 4 | 1 | - | - | 2 | 2 | 1 | - | 4 | 1 | 1 | 1 | 1 | 7 | 5 | 2 | 2 | 1 | 2 |
| 500 to 999 employees----- | 32 | 1 | - | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | 10 | 2 | - | - | - | - |
| 1,000 to 2,499 employees----- | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2,500 employees or more----- | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

See footnotes at end of table.

Table 5. Distribution of Establishments, by Employment Size Class and Major Group by State: 1982—Con.

[Major group descriptions are: 20—food and kindred products; 21—tobacco manufactures; 22—textile mill products; 23—apparel and other textile products; 24—lumber and wood products; 25—furniture and fixtures; 26—paper and allied products; 27—printing and publishing; 28—chemicals and allied products; 29—petroleum and coal products; 30—rubber and miscellaneous plastics products; 31—leather and leather products; 32—stone, clay, and glass products; 33—primary metal industries; 34—fabricated metal products; 35—machinery, except electrical; 36—electric and electronic equipment; 37—transportation equipment; 38—instruments and related products; 39—miscellaneous manufacturing industries. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendices. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

| Geographic area and size class | Number of establishments by major group | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|-----|-------|-------|-------|-----|-----|-------|-----|-----|-----|-----|-----|-----|-------|-------|-------|-----|-------|
| | All estab-lish-ments ^{1,2} | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 |
| New Jersey | | | | | | | | | | | | | | | | | | | |
| 15 126 | 621 | 7 | 454 | 1 721 | 344 | 301 | 397 | 2 173 | 970 | 80 | 753 | 94 | 500 | 279 | 1 542 | 2 092 | 918 | 227 | 674 |
| 1 to 4 employees | 4 337 | 153 | 5 | 96 | 484 | 152 | 57 | 916 | 193 | 10 | 154 | 24 | 127 | 46 | 383 | 741 | 200 | 77 | 242 |
| 5 to 9 employees | 2 467 | 80 | 1 | 63 | 263 | 74 | 34 | 34 | 130 | 16 | 92 | 17 | 81 | 34 | 289 | 434 | 120 | 33 | 109 |
| 10 to 19 employees | 2 566 | 93 | 1 | 85 | 312 | 66 | 61 | 349 | 150 | 13 | 125 | 14 | 98 | 42 | 310 | 400 | 141 | 30 | 97 |
| 20 to 49 employees | 2 769 | 109 | — | 102 | 376 | 38 | 89 | 249 | 207 | 14 | 184 | 17 | 102 | 65 | 337 | 290 | 189 | 30 | 112 |
| 50 to 99 employees | 1 428 | 82 | — | 64 | 181 | 39 | 35 | 114 | 131 | 14 | 101 | 15 | 35 | 34 | 133 | 120 | 107 | 20 | 60 |
| 100 to 249 employees | 1 027 | 74 | 1 | 39 | 83 | 4 | 63 | 75 | 87 | 5 | 78 | 9 | 35 | 38 | 81 | 164 | 97 | 19 | 34 |
| 250 to 499 employees | 327 | 20 | — | 4 | 16 | 1 | 13 | 27 | 41 | 2 | 16 | 3 | 9 | 15 | 24 | 25 | 39 | 8 | 14 |
| 500 to 999 employees | 124 | 6 | — | — | — | — | 1 | 4 | 13 | 2 | 3 | — | 7 | 4 | 3 | 13 | 13 | 3 | 5 |
| 1,000 to 2,499 employees | 65 | 4 | — | — | — | — | — | — | — | — | — | — | 3 | — | 1 | 5 | 8 | 1 | 1 |
| 2,500 employees or more | 15 | — | — | — | — | — | — | — | 4 | — | — | — | — | — | — | — | 4 | — | — |
| New Mexico | | | | | | | | | | | | | | | | | | | |
| 1 223 | 104 | — | 7 | 29 | 126 | 38 | 7 | 232 | 30 | 17 | 18 | 6 | 113 | 21 | 86 | 152 | 49 | 25 | 119 |
| 1 to 4 employees | 523 | 32 | — | 6 | 14 | 60 | 1 | 122 | 13 | 4 | 6 | 2 | 41 | 4 | 40 | 59 | 20 | 10 | 52 |
| 5 to 9 employees | 230 | 15 | — | 3 | 16 | 21 | 1 | 46 | 5 | 3 | 7 | 1 | 24 | 6 | 15 | 35 | 5 | 3 | 34 |
| 10 to 19 employees | 171 | 9 | — | — | 2 | 18 | 4 | 3 | 1 | 2 | 2 | — | 9 | 3 | 15 | 25 | 7 | 4 | 18 |
| 20 to 49 employees | 173 | 24 | — | — | 4 | 17 | 3 | 10 | 1 | 3 | 2 | — | 24 | 4 | 19 | 22 | 5 | 4 | 12 |
| 50 to 99 employees | 72 | 14 | — | — | 1 | — | — | — | 5 | 4 | — | — | 13 | 2 | — | — | 4 | 1 | 2 |
| 100 to 249 employees | 32 | 8 | — | — | — | — | — | — | 3 | 1 | — | — | 2 | 1 | — | — | 1 | — | — |
| 250 to 499 employees | 13 | 2 | — | — | — | — | — | — | 1 | — | — | — | — | — | — | — | 1 | — | — |
| 500 to 999 employees | 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 1,000 to 2,499 employees | 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| New York | | | | | | | | | | | | | | | | | | | |
| 32 651 | 1 434 | 6 | 1 029 | 6 515 | 1 124 | 881 | 679 | 5 924 | 834 | 156 | 906 | 591 | 779 | 404 | 2 370 | 2 763 | 1 483 | 397 | 2 682 |
| 1 to 4 employees | 10 395 | 386 | 2 | 278 | 1 777 | 491 | 101 | 2 506 | 249 | 69 | 218 | 155 | 303 | 70 | 628 | 900 | 378 | 121 | 1 108 |
| 5 to 9 employees | 5 229 | 223 | — | 169 | 1 022 | 252 | 92 | 1 213 | 139 | 37 | 136 | 179 | 164 | 54 | 447 | 636 | 225 | 64 | 491 |
| 10 to 19 employees | 5 886 | 239 | 1 | 130 | 1 243 | 139 | 131 | 921 | 136 | 18 | 143 | 111 | 125 | 69 | 493 | 515 | 212 | 73 | 431 |
| 20 to 49 employees | 5 866 | 275 | — | 240 | 1 544 | 139 | 137 | 1 294 | 183 | 25 | 209 | 119 | 102 | 80 | 459 | 387 | 278 | 65 | 369 |
| 50 to 99 employees | 1 444 | 111 | — | 69 | 555 | 42 | 87 | 294 | 57 | 5 | 151 | 62 | 27 | 51 | 194 | 143 | 151 | 29 | 166 |
| 100 to 249 employees | 1 571 | 111 | 1 | 46 | 227 | 40 | 31 | 172 | 51 | 2 | 52 | 45 | 27 | 50 | 111 | 98 | 156 | 12 | 78 |
| 250 to 499 employees | 474 | 36 | — | 6 | 39 | — | 12 | 33 | 27 | — | 14 | 18 | 6 | 13 | 28 | 12 | 56 | 12 | 16 |
| 500 to 999 employees | 184 | 12 | — | 2 | 5 | — | 7 | 21 | 10 | — | 2 | — | — | — | 3 | 17 | 27 | 6 | 11 |
| 1,000 to 2,499 employees | 108 | 2 | — | — | — | — | — | — | 7 | — | — | — | — | — | — | 21 | 17 | 5 | 3 |
| 2,500 employees or more | 39 | — | — | — | — | — | — | — | 1 | — | — | — | — | — | — | 5 | 10 | 4 | — |
| North Carolina | | | | | | | | | | | | | | | | | | | |
| 10 133 | 544 | 23 | 1 280 | 732 | 1 844 | 662 | 175 | 1 074 | 309 | 26 | 298 | 46 | 441 | 95 | 585 | 989 | 258 | 168 | 246 |
| 1 to 4 employees | 2 872 | 100 | — | 154 | 107 | 832 | 136 | 15 | 472 | 65 | 40 | 14 | 122 | 19 | 135 | 332 | 66 | 60 | 118 |
| 5 to 9 employees | 1 448 | 74 | — | 84 | 339 | 69 | 18 | 212 | 53 | 12 | 31 | 5 | 86 | 11 | 182 | 174 | 28 | 25 | 39 |
| 10 to 19 employees | 1 435 | 79 | — | 130 | 55 | 230 | 80 | 180 | 53 | 3 | 77 | 6 | 91 | 5 | 109 | 156 | 33 | 16 | 21 |
| 20 to 49 employees | 1 624 | 125 | 2 | 216 | 119 | 223 | 112 | 140 | 123 | 3 | 71 | 4 | 79 | 24 | 134 | 156 | 36 | 19 | 9 |
| 50 to 99 employees | 932 | 67 | 1 | 176 | 129 | 99 | 79 | 34 | 51 | 28 | 43 | 2 | 33 | 11 | 37 | 47 | 20 | 5 | 28 |
| 100 to 249 employees | 1 044 | 58 | 6 | 270 | 183 | 48 | 92 | 38 | 28 | 2 | 45 | 5 | 20 | 16 | 45 | 56 | 27 | 23 | 6 |
| 250 to 499 employees | 490 | 31 | 8 | 148 | 73 | 13 | 57 | 5 | 9 | 6 | 16 | 2 | 6 | 7 | 16 | 19 | 27 | 7 | 8 |
| 500 to 999 employees | 202 | 6 | 1 | 76 | 17 | — | 30 | 3 | 6 | — | 4 | — | 2 | 2 | — | 8 | 6 | 3 | 1 |
| 1,000 to 2,499 employees | 72 | 3 | 4 | 24 | — | — | 6 | — | 8 | — | — | — | — | — | — | 2 | 2 | 1 | — |
| 2,500 employees or more | 14 | 1 | — | 2 | — | — | — | — | — | — | — | — | — | — | — | — | 3 | — | — |
| North Dakota | | | | | | | | | | | | | | | | | | | |
| 587 | 93 | — | — | 13 | 28 | 10 | 3 | 151 | 17 | 3 | 10 | — | 69 | — | 29 | 112 | 6 | 9 | 23 |
| 1 to 4 employees | 221 | 20 | — | 7 | 10 | 4 | — | 67 | 3 | — | 4 | — | 33 | — | 11 | 38 | 2 | 1 | 8 |
| 5 to 9 employees | 128 | 16 | — | 3 | 9 | 2 | — | 36 | 3 | — | 1 | — | 15 | — | 9 | 23 | 1 | 2 | 1 |
| 10 to 19 employees | 96 | 17 | — | — | 5 | — | 2 | 22 | 1 | — | — | — | 10 | — | 4 | 26 | — | 4 | 2 |
| 20 to 49 employees | 81 | 14 | — | — | 3 | — | 1 | 18 | 1 | — | — | — | — | — | — | 1 | 1 | 1 | 3 |
| 50 to 99 employees | 30 | 11 | — | — | 1 | — | — | 3 | — | — | — | — | — | — | — | — | — | — | — |
| 100 to 249 employees | 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 250 to 499 employees | 7 | 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 500 to 999 employees | 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Ohio | | | | | | | | | | | | | | | | | | | |
| 16 960 | 859 | 2 | 87 | 312 | 753 | 279 | 407 | 2 121 | 657 | 182 | 927 | 54 | 968 | 635 | 2 422 | 3 807 | 683 | 429 | 487 |
| 1 to 4 employees | 4 635 | 210 | 1 | 34 | 91 | 335 | 50 | 866 | 143 | 68 | 188 | 14 | 253 | 93 | 474 | 1 146 | 159 | 81 | 184 |
| 5 to 9 employees | 2 839 | 119 | — | 8 | 48 | 137 | 41 | 415 | 107 | 32 | 101 | 6 | 205 | 74 | 384 | 513 | 85 | 62 | 47 |
| 10 to 19 employees | 2 939 | 129 | — | 16 | 57 | 112 | 56 | 330 | 111 | 30 | 150 | 10 | 205 | 102 | 474 | 579 | 124 | 43 | 91 |
| 20 to 49 employees | 2 989 | 165 | — | — | 21 | 125 | 22 | 285 | 133 | 31 | 198 | 3 | 160 | 130 | 558 | 730 | 95 | 51 | 74 |
| 50 to 99 employees | 1 811 | 81 | — | — | 29 | 112 | 55 | 138 | 67 | 12 | 139 | 3 | 65 | 80 | 274 | 230 | 75 | 27 | 24 |
| 100 to 249 employees | 1 170 | 97 | 1 | 10 | 26 | 16 | 19 | 66 | 57 | 4 | 102 | 8 | 43 | 80 | 169 | 154 | 49 | 49 | 28 |
| 250 to 499 employees | 444 | 44 | — | 5 | 7 | 3 | 12 | 15 | 23 | 2 | 30 | 7 | 25 | 30 | 69 | 73 | 37 | 27 | 19 |
| 500 to 999 employees | 215 | 11 | — | 1 | 2 | — | 5 | 13 | 12 | 3 | 11 | — | 8 | 16 | 19 | 39 | 21 | 21 | 4 |
| 1,000 to 2,499 employees | 112 | 3 | — | — | — | — | 2 | 7 | 3 | — | 8 | — | 3 | 7 | 10 | 18 | 15 | 10 | 3 |
| 2,500 employees or more | 40 | — | — | — | — | — | — | — | 1 | — | — | — | — | 9 | 3 | 3 | 3 | 15 | — |

See footnotes at end of table.

Table 5. Distribution of Establishments, by Employment Size Class and Major Group by State: 1982—Con.

| Geographic area and size class | All establishments ^{1 2} | Number of establishments by major group | | | | | | | | | | | | | | | | 39 | Auxiliaries | | | |
|--------------------------------|-----------------------------------|---|----|-----|-------|-------|-----|-----|-------|-----|-----|-----|-----|-----|-----|-------|-------|-----|-------------|-----|-----|-----|
| | | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | | | 36 | 37 | |
| Oklahoma | 4 168 | 231 | - | 16 | 137 | 193 | 84 | 43 | 667 | 116 | 59 | 120 | 22 | 296 | 93 | 564 | 908 | 127 | 150 | 78 | 159 | 105 |
| 1 to 4 employees | 1 363 | 52 | - | 4 | 38 | 76 | 32 | 7 | 290 | 46 | 19 | 35 | 10 | 91 | 17 | 146 | 286 | 34 | 45 | 28 | 85 | 22 |
| 5 to 9 employees | 807 | 37 | - | 3 | 18 | 34 | 18 | 5 | 171 | 16 | 7 | 24 | 5 | 61 | 18 | 95 | 196 | 23 | 18 | 17 | 31 | 9 |
| 10 to 19 employees | 750 | 40 | - | 4 | 36 | 36 | 12 | 9 | 111 | 18 | 8 | 18 | - | 75 | 9 | 114 | 182 | 14 | 29 | 11 | 27 | 27 |
| 20 to 49 employees | 604 | 28 | - | 2 | 23 | 34 | 12 | 9 | 59 | 14 | 7 | 11 | 3 | 35 | 23 | 110 | 124 | 19 | 29 | 11 | 8 | 25 |
| 50 to 99 employees | 259 | 28 | - | 2 | 22 | 5 | 5 | 3 | 20 | 10 | 2 | 11 | 3 | 14 | 9 | 42 | 51 | 11 | 10 | 3 | 5 | 5 |
| 100 to 249 employees | 232 | 21 | - | 2 | 20 | 6 | 3 | 7 | 11 | 10 | 11 | 8 | 1 | 10 | 11 | 39 | 38 | 14 | 9 | 4 | 1 | 6 |
| 250 to 499 employees | 193 | 9 | - | 1 | 9 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | - | 7 | 6 | 13 | 18 | 10 | 3 | 2 | 2 | 5 |
| 500 to 999 employees | 91 | 4 | - | - | - | - | - | - | 1 | - | - | 4 | - | 2 | - | 5 | 9 | 1 | 4 | 2 | 1 | 1 |
| 1,000 to 2,499 employees | 12 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | - | - | - | - | 2 |
| 2,500 employees or more | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 2 | - | - | 3 |
| Oregon | 5 659 | 352 | - | 25 | 123 | 1 911 | 123 | 57 | 667 | 110 | 29 | 128 | 20 | 217 | 83 | 438 | 617 | 187 | 173 | 98 | 185 | 126 |
| 1 to 4 employees | 2 418 | 89 | - | 9 | 60 | 880 | 65 | 5 | 340 | 39 | 10 | 47 | 9 | 94 | 22 | 163 | 290 | 60 | 69 | 42 | 98 | 27 |
| 5 to 9 employees | 981 | 43 | - | 3 | 20 | 327 | 20 | 3 | 127 | 25 | 1 | 28 | 3 | 55 | 9 | 61 | 113 | 36 | 32 | 22 | 41 | 14 |
| 10 to 19 employees | 817 | 42 | - | 7 | 14 | 242 | 20 | 9 | 91 | 26 | 6 | 19 | 3 | 35 | 18 | 70 | 94 | 31 | 34 | 12 | 16 | 31 |
| 20 to 49 employees | 717 | 83 | - | 5 | 6 | 118 | 4 | 9 | 24 | 13 | 3 | 5 | 2 | 5 | 9 | 35 | 75 | 22 | 17 | 8 | 23 | 27 |
| 50 to 99 employees | 356 | 41 | - | 5 | 6 | 111 | 1 | 11 | 10 | 1 | 1 | 7 | - | 5 | 2 | 12 | 11 | 13 | 6 | 1 | 4 | 15 |
| 100 to 249 employees | 244 | 29 | - | - | 2 | 28 | 1 | 4 | 4 | - | - | - | - | 1 | 6 | 1 | 5 | 6 | 1 | 3 | - | 12 |
| 250 to 499 employees | 85 | 18 | - | - | - | 8 | - | 5 | - | - | - | - | - | - | 1 | 1 | 1 | - | 4 | 1 | - | 2 |
| 500 to 999 employees | 31 | 6 | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | 2 | - | - | - | - | - |
| 1,000 to 2,499 employees | 7 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - |
| 2,500 employees or more | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Pennsylvania | 17 666 | 1 225 | 22 | 454 | 1 725 | 1 208 | 410 | 380 | 2 186 | 548 | 168 | 645 | 145 | 896 | 558 | 1 934 | 2 546 | 771 | 296 | 407 | 583 | 559 |
| 1 to 4 employees | 4 600 | 271 | 2 | 62 | 243 | 558 | 122 | 37 | 853 | 130 | 46 | 142 | 19 | 240 | 88 | 430 | 711 | 146 | 66 | 108 | 251 | 75 |
| 5 to 9 employees | 2 764 | 176 | 4 | 49 | 127 | 247 | 57 | 33 | 420 | 84 | 36 | 100 | 13 | 181 | 55 | 313 | 503 | 108 | 34 | 56 | 111 | 57 |
| 10 to 19 employees | 2 805 | 186 | 1 | 67 | 176 | 188 | 59 | 52 | 351 | 106 | 32 | 94 | 16 | 155 | 78 | 350 | 525 | 106 | 41 | 74 | 131 | 65 |
| 20 to 49 employees | 3 180 | 240 | 6 | 89 | 450 | 138 | 81 | 93 | 275 | 104 | 28 | 140 | 21 | 153 | 93 | 408 | 425 | 142 | 56 | 64 | 87 | 107 |
| 50 to 99 employees | 1 876 | 134 | 2 | 86 | 414 | 54 | 42 | 56 | 133 | 51 | 9 | 67 | 27 | 62 | 72 | 217 | 164 | 80 | 32 | 38 | 92 | 34 |
| 100 to 249 employees | 1 492 | 146 | 4 | 60 | 235 | 19 | 35 | 71 | 101 | 38 | 6 | 73 | 33 | 63 | 85 | 139 | 129 | 92 | 32 | 32 | 24 | 85 |
| 250 to 499 employees | 566 | 45 | 2 | 31 | 23 | 3 | 10 | 27 | 36 | 17 | 7 | 23 | 13 | 18 | 40 | 51 | 42 | 58 | 13 | 18 | 11 | 35 |
| 500 to 999 employees | 243 | 18 | 1 | 3 | 13 | 1 | 3 | 3 | 1 | 12 | 3 | 3 | 3 | 24 | 22 | 19 | 31 | 22 | 7 | 11 | - | 22 |
| 1,000 to 2,499 employees | 103 | 8 | - | 3 | 1 | - | 1 | - | 1 | 5 | - | - | - | - | 13 | 7 | 11 | 15 | 8 | 4 | 2 | 15 |
| 2,500 employees or more | 37 | 1 | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | 5 | 2 | 7 | 2 | - | 6 |
| Rhode Island | 2 855 | 110 | - | 174 | 78 | 58 | 30 | 56 | 227 | 62 | 5 | 125 | 19 | 44 | 92 | 402 | 301 | 85 | 50 | 62 | 851 | 24 |
| 1 to 4 employees | 973 | 39 | - | 26 | 23 | 28 | 11 | 7 | 98 | 19 | 3 | 30 | 5 | 16 | 19 | 121 | 116 | 20 | 17 | 14 | 357 | 4 |
| 5 to 9 employees | 487 | 21 | - | 16 | 12 | 16 | 7 | 5 | 50 | 13 | - | 22 | 1 | 5 | 15 | 78 | 71 | 9 | 6 | 9 | 131 | 4 |
| 10 to 19 employees | 455 | 16 | - | 27 | 8 | 13 | 4 | 11 | 31 | 13 | 1 | 27 | 3 | 5 | 18 | 78 | 52 | 7 | 6 | 8 | 130 | 3 |
| 20 to 49 employees | 487 | 22 | - | 43 | 17 | 8 | 4 | 20 | 27 | 9 | - | 24 | 5 | 9 | 18 | 81 | 39 | 20 | 8 | 13 | 117 | 3 |
| 50 to 99 employees | 219 | 8 | - | 31 | 11 | 1 | 2 | 11 | 11 | 1 | - | 11 | 2 | 4 | 7 | 23 | 10 | 10 | 5 | 3 | 21 | 3 |
| 100 to 249 employees | 145 | 3 | - | 24 | 5 | 1 | 1 | 6 | 6 | 4 | 1 | 6 | 2 | 2 | 8 | 13 | 8 | 11 | 5 | 6 | 28 | 5 |
| 250 to 499 employees | 57 | 1 | - | 6 | 1 | 1 | - | 3 | 3 | 1 | - | 3 | 3 | 3 | 4 | 5 | 2 | 6 | 2 | 1 | 13 | 5 |
| 500 to 999 employees | 22 | - | - | 1 | 2 | - | - | - | 1 | 2 | - | 2 | - | - | 2 | 1 | 2 | 2 | 1 | 3 | 5 | - |
| 1,000 to 2,499 employees | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| 2,500 employees or more | 1 | - | - | - | - | - | - | - | @ | - | - | - | - | - | - | - | - | - | - | - | - | - |
| South Carolina | 4 206 | 195 | 3 | 393 | 345 | 972 | 70 | 76 | 434 | 159 | 15 | 124 | 6 | 179 | 50 | 273 | 483 | 101 | 69 | 33 | 104 | 122 |
| 1 to 4 employees | 1 338 | 43 | 1 | 30 | 42 | 549 | 20 | 10 | 213 | 27 | 4 | 22 | - | 45 | 8 | 59 | 163 | 20 | 21 | 7 | 44 | 10 |
| 5 to 9 employees | 622 | 22 | - | 13 | 16 | 176 | 13 | 5 | 89 | 29 | 4 | 15 | 1 | 29 | 7 | 52 | 89 | 8 | 13 | 4 | 17 | 4 |
| 10 to 19 employees | 523 | 27 | - | 23 | 26 | 108 | 16 | 12 | 55 | 30 | 1 | 9 | 1 | 38 | 5 | 46 | 79 | 11 | 16 | 5 | 21 | 14 |
| 20 to 49 employees | 546 | 44 | - | 42 | 63 | 67 | 13 | 13 | 46 | 16 | 4 | 30 | 2 | 32 | 5 | 56 | 56 | 11 | 13 | 3 | 5 | 25 |
| 50 to 99 employees | 365 | 28 | - | 36 | 64 | 46 | 8 | 10 | 13 | 18 | 1 | 18 | 2 | 20 | 6 | 23 | 33 | 6 | 2 | 2 | 4 | 23 |
| 100 to 249 employees | 411 | 20 | - | 97 | 85 | 23 | 5 | 14 | 11 | 18 | 1 | 16 | - | 8 | 12 | 24 | 38 | 20 | 6 | 2 | 7 | 18 |
| 250 to 499 employees | 226 | 7 | - | 59 | 32 | 3 | 4 | 3 | 6 | 7 | - | 6 | - | 1 | 3 | 10 | 12 | 12 | 4 | 6 | 6 | 6 |
| 500 to 999 employees | 135 | 3 | - | 9 | 15 | 1 | 1 | 7 | 1 | 5 | - | 5 | - | 2 | 1 | 3 | 9 | 9 | 2 | 3 | - | - |
| 1,000 to 2,499 employees | 34 | 1 | - | 2 | 2 | - | - | 2 | - | 2 | - | - | - | - | - | - | 4 | 3 | - | 1 | - | - |
| 2,500 employees or more | 6 | - | - | 8 | - | - | - | - | - | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| South Dakota | 748 | 100 | - | 2 | 26 | 70 | 7 | 4 | 185 | 20 | 2 | 18 | 5 | 82 | 4 | 43 | 87 | 12 | 21 | 7 | 41 | 12 |
| 1 to 4 employees | 306 | 23 | - | 2 | 10 | 31 | 4 | - | 85 | 8 | 1 | 7 | 3 | 46 | - | 16 | 32 | 1 | 8 | 2 | 21 | 6 |
| 5 to 9 employees | 127 | 6 | - | 3 | 3 | 12 | 1 | - | 44 | 7 | - | 2 | 1 | 15 | 1 | 9 | 13 | 2 | 4 | 2 | 6 | 1 |
| 10 to 19 employees | 110 | 25 | - | - | 3 | 7 | 1 | 1 | 29 | 4 | - | 5 | - | 9 | - | 8 | 8 | 2 | 2 | - | 1 | 3 |
| 20 to 49 employees | 104 | 22 | - | - | 4 | 15 | 1 | 1 | 17 | 1 | 1 | 3 | - | 7 | 2 | 1 | 16 | 2 | 3 | - | 5 | 3 |
| 50 to 99 employees | 52 | 13 | - | - | 5 | 2 | - | 1 | 5 | - | - | 1 | - | 1 | 1 | 7 | 8 | 2 | 3 | 1 | 4 | - |
| 100 to 249 employees | 37 | 8 | - | - | 1 | 1 | - | 1 | 5 | - | - | 1 | - | 3 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | - |
| 250 to 499 employees | 7 | 2 | - | - | - | 1 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| 500 to 999 employees | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,000 to 2,499 employees | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2,500 employees or more | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

[Major group descriptions are: 20—food and kindred products; 21—tobacco manufactures; 22—textile mill products; 23—apparel and other textile products; 24—lumber and wood products; 25—furniture and fixtures; 26—paper and allied products; 27—printing and publishing; 28—chemicals and allied products; 29—petroleum and coal products; 30—rubber and miscellaneous plastics products; 31—leather and leather products; 32—stone, clay, and glass products; 33—primary metal industries; 34—fabricated metal products; 35—machinery, except electrical; 36—electric and electronic equipment; 37—transportation equipment; 38—instruments and related products; 39—miscellaneous manufacturing industries. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendices. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

See footnotes at end of table.

Table 5. Distribution of Establishments, by Employment Size Class and Major Group by State: 1982—Con.

[Major group descriptions are: 20—food and kindred products; 21—tobacco manufactures; 22—textile mill products; 23—apparel and other textile products; 24—lumber and wood products; 25—furniture and fixtures; 26—paper and allied products; 27—printing and publishing; 28—chemicals and allied products; 29—petroleum and coal products; 30—rubber and miscellaneous plastics products; 31—leather and leather products; 32—stone, clay, and glass products; 33—primary metal industries; 34—fabricated metal products; 35—machinery, except electrical; 36—transportation equipment; 37—electrical and electronic equipment; 38—instruments and related products; 39—miscellaneous manufacturing industries. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendices. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

| Geographic area and size class | All establishments ^{1, 2} | Number of establishments by major group | | | | | | | | | | | | | | | | Auxiliaries | | | |
|--------------------------------|------------------------------------|---|----|-----|-----|-------|-----|-----|-------|-----|-----|-----|-----|-------|-----|-------|-------|-------------|-----|-----|-----|
| | | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | | 36 | 37 | 38 |
| Tennessee | 6 417 | 431 | 9 | 139 | 458 | 836 | 303 | 141 | 963 | 235 | 44 | 222 | 88 | 305 | 116 | 568 | 677 | 237 | 174 | 71 | 247 |
| 1 to 4 employees..... | 1 956 | 107 | — | 22 | 53 | 409 | 76 | 8 | 445 | 57 | 15 | 50 | 15 | 76 | 17 | 133 | 211 | 68 | 37 | 29 | 103 |
| 5 to 9 employees..... | 929 | 35 | — | 6 | 34 | 146 | 34 | 12 | 197 | 30 | 8 | 30 | 2 | 71 | 10 | 84 | 119 | 21 | 26 | 8 | 35 |
| 10 to 19 employees..... | 915 | 44 | 1 | 8 | 42 | 118 | 43 | 17 | 121 | 42 | 7 | 24 | 10 | 63 | 13 | 102 | 150 | 22 | 25 | 9 | 32 |
| 20 to 49 employees..... | 1 003 | 89 | 2 | 24 | 68 | 94 | 57 | 31 | 103 | 35 | 6 | 50 | 10 | 54 | 26 | 114 | 113 | 35 | 22 | 8 | 33 |
| 50 to 99 employees..... | 585 | 51 | 1 | 18 | 72 | 40 | 38 | 28 | 56 | 21 | 6 | 21 | 8 | 20 | 16 | 59 | 38 | 20 | 18 | 8 | 17 |
| 100 to 249 employees..... | 591 | 66 | 3 | 34 | 112 | 25 | 35 | 32 | 26 | 22 | 1 | 29 | 15 | 11 | 22 | 56 | 20 | 25 | 20 | 4 | 18 |
| 250 to 499 employees..... | 275 | 28 | 2 | 14 | 15 | 3 | 11 | 6 | 5 | 9 | 1 | 12 | 23 | 5 | 8 | 15 | 14 | 25 | 15 | 2 | 6 |
| 500 to 999 employees..... | 114 | 10 | — | 10 | 15 | 1 | 8 | 3 | 5 | 7 | — | 4 | 5 | 2 | 2 | 2 | 9 | 16 | 7 | 2 | 3 |
| 1,000 to 2,499 employees..... | 37 | 1 | — | 3 | — | — | 1 | — | — | 6 | — | 1 | — | 2 | 1 | — | 3 | — | — | — | — |
| 2,500 employees or more..... | 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Texas | 20 288 | 1 224 | 2 | 99 | 866 | 1 232 | 502 | 258 | 3 177 | 877 | 212 | 771 | 152 | 1 067 | 341 | 2 394 | 3 814 | 871 | 607 | 407 | 787 |
| 1 to 4 employees..... | 6 419 | 256 | — | 35 | 245 | 485 | 159 | 33 | 1 436 | 215 | 50 | 192 | 51 | 313 | 60 | 549 | 1 283 | 253 | 178 | 132 | 367 |
| 5 to 9 employees..... | 3 524 | 136 | — | 17 | 114 | 237 | 64 | 26 | 709 | 155 | 37 | 139 | 29 | 170 | 39 | 361 | 747 | 116 | 91 | 81 | 145 |
| 10 to 19 employees..... | 3 339 | 191 | 1 | 24 | 103 | 202 | 95 | 44 | 469 | 135 | 26 | 124 | 14 | 181 | 68 | 449 | 708 | 120 | 100 | 60 | 127 |
| 20 to 49 employees..... | 3 328 | 227 | — | 6 | 150 | 130 | 108 | 59 | 320 | 159 | 28 | 165 | 27 | 221 | 67 | 539 | 590 | 157 | 101 | 58 | 92 |
| 50 to 99 employees..... | 1 693 | 169 | — | 6 | 93 | 96 | 41 | 43 | 136 | 82 | 17 | 87 | 15 | 86 | 42 | 263 | 223 | 83 | 35 | 30 | 30 |
| 100 to 249 employees..... | 1 219 | 132 | 1 | 4 | 97 | 58 | 25 | 38 | 78 | 69 | 20 | 50 | 6 | 68 | 29 | 171 | 151 | 71 | 39 | 24 | 22 |
| 250 to 499 employees..... | 449 | 63 | — | 4 | 34 | 22 | 9 | 4 | 18 | 30 | 12 | 9 | 6 | 23 | 20 | 47 | 54 | 40 | 18 | 12 | 1 |
| 500 to 999 employees..... | 198 | 23 | — | 3 | 23 | 2 | 1 | 6 | 6 | 2 | 1 | 3 | 4 | 4 | 9 | 11 | 36 | 13 | 6 | 4 | 3 |
| 1,000 to 2,499 employees..... | 86 | 7 | — | — | 6 | — | — | 3 | 1 | 3 | — | — | — | 1 | 5 | 4 | 15 | 10 | 5 | 1 | — |
| 2,500 employees or more..... | 33 | — | — | — | — | — | — | — | — | 3 | 2 | — | — | — | 2 | — | 7 | 8 | 5 | — | 4 |
| Utah | 1 962 | 158 | 1 | 12 | 120 | 137 | 79 | 16 | 298 | 80 | 29 | 65 | 10 | 107 | 40 | 221 | 253 | 93 | 49 | 50 | 101 |
| 1 to 4 employees..... | 734 | 38 | — | 5 | 41 | 59 | 29 | 2 | 127 | 31 | 8 | 21 | 4 | 34 | 12 | 68 | 115 | 32 | 16 | 23 | 49 |
| 5 to 9 employees..... | 335 | 16 | — | 2 | 10 | 28 | 14 | 3 | 57 | 14 | 8 | 12 | 2 | 14 | 5 | 43 | 45 | 19 | 10 | 7 | 22 |
| 10 to 19 employees..... | 314 | 34 | — | 3 | 15 | 19 | 8 | 3 | 52 | 9 | 5 | 18 | 1 | 16 | 4 | 39 | 41 | 10 | 9 | 6 | 17 |
| 20 to 49 employees..... | 290 | 33 | — | 2 | 21 | 17 | 17 | 4 | 40 | 16 | 2 | 11 | 2 | 20 | 4 | 41 | 22 | 12 | 2 | 8 | 7 |
| 50 to 99 employees..... | 131 | 14 | — | — | 14 | 8 | 7 | 2 | 13 | 4 | 3 | 1 | 2 | 13 | 5 | 16 | 12 | 7 | 3 | 2 | 3 |
| 100 to 249 employees..... | 105 | 16 | — | — | 16 | 6 | 2 | 1 | 8 | 5 | 3 | 2 | — | 10 | 2 | 11 | 7 | 6 | 5 | 2 | — |
| 250 to 499 employees..... | 30 | 7 | — | — | — | — | 2 | — | 1 | — | — | — | — | — | 4 | 3 | 3 | 2 | 1 | — | — |
| 500 to 999 employees..... | 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 1,000 to 2,499 employees..... | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2,500 employees or more..... | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Vermont | 1 104 | 77 | — | 24 | 40 | 249 | 33 | 21 | 173 | 18 | 1 | 34 | 11 | 110 | 12 | 63 | 90 | 43 | 22 | 16 | 59 |
| 1 to 4 employees..... | 455 | 18 | — | 9 | 13 | 142 | 11 | 2 | 74 | 6 | — | 10 | 6 | 42 | 1 | 26 | 29 | 16 | 8 | 5 | 35 |
| 5 to 9 employees..... | 185 | 14 | — | 2 | 7 | 37 | 2 | — | 38 | 4 | — | 4 | — | 19 | 2 | 10 | 19 | 7 | 2 | 2 | 10 |
| 10 to 19 employees..... | 154 | 15 | — | 5 | 6 | 27 | 5 | 4 | 20 | 3 | — | 6 | 3 | 26 | — | 12 | 13 | 6 | 3 | 3 | 7 |
| 20 to 49 employees..... | 147 | 13 | — | 3 | 7 | 32 | 7 | 3 | 20 | 4 | 1 | 6 | 1 | 15 | 3 | 7 | 13 | 2 | 4 | 4 | 2 |
| 50 to 99 employees..... | 75 | 10 | — | — | 2 | 5 | 4 | 5 | 11 | — | — | 6 | — | 6 | 3 | 3 | 6 | 3 | 2 | 1 | 5 |
| 100 to 249 employees..... | 62 | 7 | — | 2 | 5 | 6 | 2 | 3 | 9 | 1 | — | 1 | — | 2 | 2 | 1 | 9 | 3 | 2 | — | — |
| 250 to 499 employees..... | 14 | — | — | — | — | — | 1 | — | 1 | — | — | — | — | — | 1 | — | 5 | — | — | — | — |
| 500 to 999 employees..... | 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 1,000 to 2,499 employees..... | 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2,500 employees or more..... | 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Virginia | 5 568 | 445 | 16 | 98 | 292 | 1 187 | 182 | 101 | 969 | 166 | 22 | 103 | 27 | 326 | 67 | 306 | 526 | 190 | 129 | 93 | 139 |
| 1 to 4 employees..... | 1 817 | 98 | — | 15 | 50 | 575 | 49 | 8 | 385 | 43 | 8 | 16 | 7 | 76 | 9 | 75 | 169 | 55 | 42 | 29 | 65 |
| 5 to 9 employees..... | 826 | 45 | 1 | 3 | 18 | 190 | 26 | 6 | 199 | 19 | 6 | 17 | 2 | 46 | 6 | 41 | 100 | 19 | 17 | 17 | 20 |
| 10 to 19 employees..... | 889 | 53 | — | 6 | 28 | 186 | 27 | 14 | 158 | 36 | 4 | 13 | 3 | 77 | 6 | 73 | 103 | 21 | 16 | 14 | 26 |
| 20 to 49 employees..... | 844 | 105 | 2 | 10 | 29 | 149 | 12 | 17 | 124 | 28 | 2 | 25 | 1 | 76 | 17 | 58 | 74 | 30 | 13 | 16 | 15 |
| 50 to 99 employees..... | 448 | 64 | 2 | 10 | 53 | 49 | 21 | 19 | 60 | 10 | 1 | 8 | 2 | 30 | 9 | 23 | 39 | 13 | 12 | 4 | 5 |
| 100 to 249 employees..... | 428 | 48 | 6 | 17 | 79 | 29 | 19 | 28 | 30 | 11 | 1 | 11 | 8 | 17 | 10 | 20 | 24 | 21 | 15 | 7 | 5 |
| 250 to 499 employees..... | 180 | 17 | 3 | 16 | 28 | 9 | 16 | 5 | 7 | 4 | — | 6 | 4 | 3 | 4 | 10 | 11 | 17 | 6 | 4 | 3 |
| 500 to 999 employees..... | 90 | 11 | — | 12 | 6 | — | 9 | 1 | 5 | 4 | — | 6 | — | — | 6 | 6 | 5 | 4 | 2 | — | — |
| 1,000 to 2,499 employees..... | 35 | 4 | — | 7 | — | — | 3 | — | 1 | 3 | — | — | — | — | — | — | — | — | — | — | — |
| 2,500 employees or more..... | 11 | — | — | 2 | — | — | — | — | — | 3 | — | — | — | — | — | — | — | — | — | — | — |
| Washington | 6 788 | 532 | — | 40 | 198 | 1 638 | 185 | 102 | 893 | 143 | 23 | 172 | 25 | 294 | 95 | 544 | 749 | 255 | 329 | 129 | 296 |
| 1 to 4 employees..... | 2 788 | 130 | — | 14 | 82 | 784 | 87 | 9 | 448 | 46 | 4 | 55 | 11 | 115 | 18 | 177 | 346 | 95 | 115 | 59 | 150 |
| 5 to 9 employees..... | 1 243 | 64 | — | 9 | 41 | 307 | 27 | 6 | 185 | 25 | — | 33 | 5 | 50 | 14 | 121 | 141 | 41 | 64 | 16 | 65 |
| 10 to 19 employees..... | 1 050 | 79 | — | 6 | 26 | 221 | 29 | 19 | 121 | 31 | 4 | 28 | 6 | 56 | 13 | 114 | 123 | 38 | 61 | 19 | 36 |
| 20 to 49 employees..... | 638 | 104 | — | 6 | 26 | 171 | 29 | 17 | 87 | 21 | 5 | 30 | 2 | 44 | 13 | 71 | 73 | 32 | 35 | 21 | 33 |
| 50 to 99 employees..... | 445 | 76 | — | 3 | 12 | 88 | 11 | 16 | 27 | 10 | 2 | 19 | 6 | 23 | 9 | 36 | 34 | 28 | 23 | 5 | 9 |
| 100 to 249 employees..... | 264 | 50 | — | 1 | 8 | 47 | 2 | 16 | 16 | 7 | 2 | 6 | 1 | 4 | 12 | 23 | 21 | 13 | 16 | 3 | 1 |
| 250 to 499 employees..... | 89 | 22 | — | — | 3 | 15 | — | 10 | 5 | 1 | 1 | — | — | 1 | 8 | 1 | 8 | 3 | 3 | 1 | 1 |
| 500 to 999 employees..... | 43 | 6 | — | — | — | 4 | — | 7 | 3 | — | — | — | — | — | 5 | 1 | 1 | 2 | 4 | 4 | 2 |
| 1,000 to 2,499 employees..... | 21 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2,500 employees or more..... | 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

See footnotes at end of table.

Table 5. Distribution of Establishments, by Employment Size Class and Major Group by State: 1982—Con.

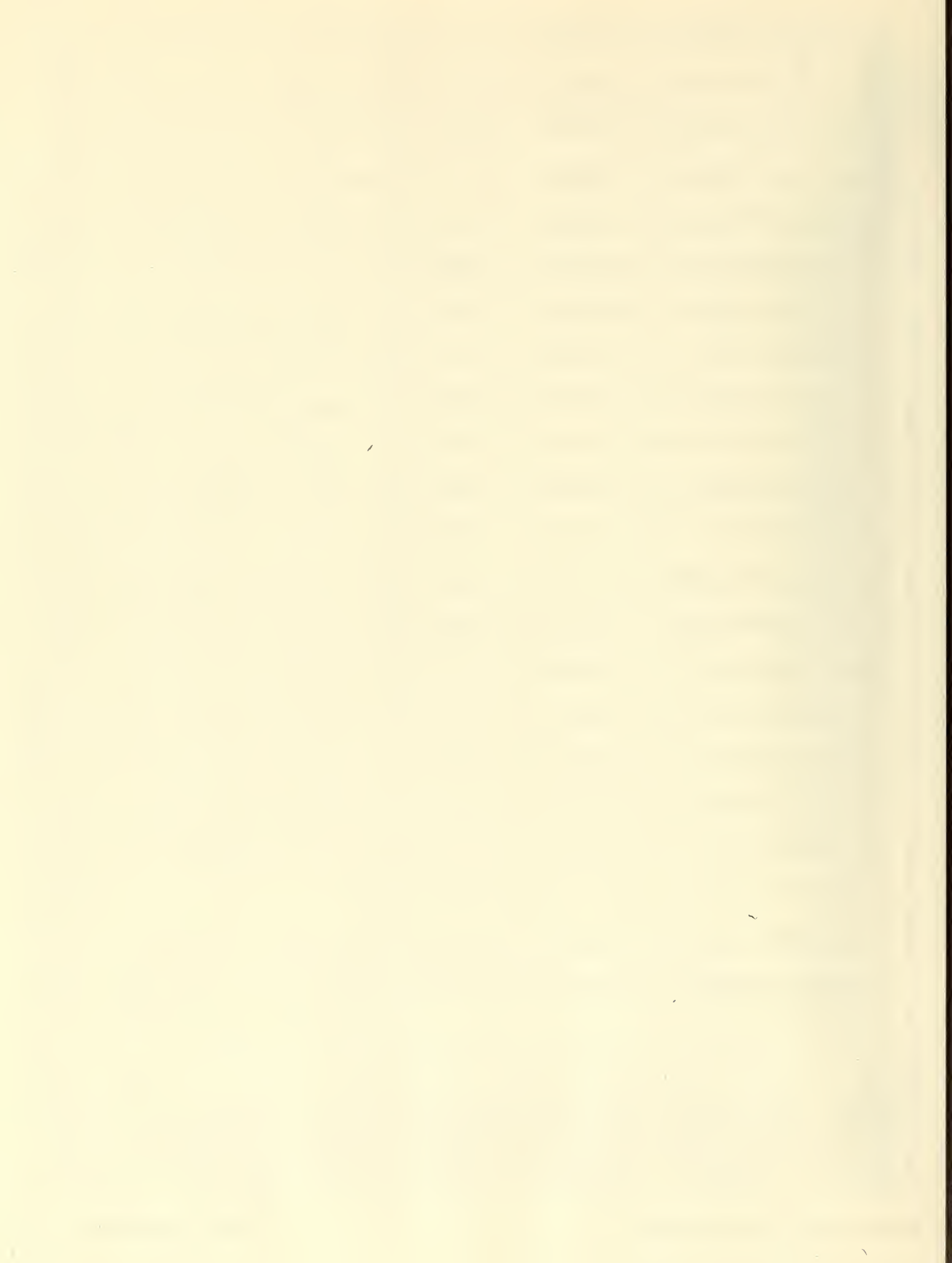
[Major group descriptions are: 20—food and kindred products; 21—tobacco manufactures; 22—textile mill products; 23—apparel and other textile products; 24—lumber and wood products; 25—furniture and fixtures; 26—paper and allied products; 27—printing and publishing; 28—chemicals and allied products; 29—petroleum and coal products; 30—rubber and miscellaneous plastics products; 31—leather and leather products; 32—stone, clay, and glass products; 33—primary metal industries; 34—fabricated metal products; 35—machinery, except electrical; 36—electric and electronic equipment; 37—transportation equipment; 38—instruments and related products; 39—miscellaneous manufacturing industries. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendices. Data in this table may differ slightly from the area reports previously published. These differences are due to corrections which were made for minor errors identified after the area reports were issued.]

| Geographic area and size class | All estab-lish-ments ^{1,2} | Number of establishments by major group | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------------------------------------|---|----|----|-----|-----|-----|-----|-------|-----|----|-----|----|-----|-----|-----|-------|-----|-----|-----|-----|-------------|
| | | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | Auxiliaries |
| West Virginia | 1 662 | 100 | 2 | 6 | 44 | 375 | 36 | 25 | 200 | 69 | 19 | 39 | 12 | 173 | 41 | 115 | 249 | 28 | 25 | 18 | 42 | 44 |
| 1 to 4 employees | 562 | 19 | — | 1 | 8 | 196 | 10 | 3 | 93 | 16 | 7 | 6 | 2 | 42 | 3 | 23 | 78 | 6 | 9 | 3 | 22 | 15 |
| 5 to 9 employees | 235 | 15 | — | — | 2 | 67 | 6 | 1 | 34 | 8 | 1 | 9 | — | 31 | 2 | 13 | 45 | 2 | 4 | 6 | 7 | 1 |
| 10 to 19 employees | 286 | 12 | — | 1 | 1 | 54 | 9 | 2 | 38 | 9 | 3 | 5 | — | 34 | 4 | 22 | 56 | 4 | 4 | 4 | 8 | 10 |
| 20 to 49 employees | 247 | 22 | — | — | 5 | 45 | 5 | 10 | 20 | 4 | 4 | 2 | 2 | 26 | 4 | 23 | 45 | 5 | 2 | 1 | 2 | — |
| 50 to 99 employees | 121 | 17 | 1 | 3 | 16 | 8 | 4 | 5 | 12 | 8 | 3 | 2 | 4 | 15 | 6 | 19 | 13 | 3 | 3 | 1 | 1 | — |
| 100 to 249 employees | 119 | 9 | 1 | — | 9 | 5 | 2 | 4 | 10 | 4 | — | 2 | 4 | 10 | 5 | 12 | 10 | 3 | 2 | 2 | 2 | 5 |
| 250 to 499 employees | 40 | 5 | — | — | 2 | — | — | — | 3 | 6 | — | 2 | 4 | 11 | 3 | 3 | 1 | 1 | 1 | — | — | 1 |
| 500 to 999 employees | 22 | 1 | — | — | 1 | — | — | — | — | — | — | — | — | 4 | 2 | — | — | — | — | — | — | — |
| 1,000 to 2,499 employees | 7 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2,500 employees or more | 3 | — | — | — | — | — | — | — | — | 1 | — | — | — | — | — | — | — | — | — | — | — | — |
| Wisconsin | 8 682 | 998 | 2 | 53 | 139 | 921 | 204 | 234 | 1 175 | 241 | 29 | 315 | 91 | 393 | 227 | 884 | 1 597 | 330 | 165 | 143 | 329 | 212 |
| 1 to 4 employees | 2 523 | 214 | 1 | 19 | 46 | 454 | 65 | 16 | 419 | 66 | 13 | 70 | 11 | 149 | 24 | 195 | 424 | 69 | 42 | 39 | 146 | 41 |
| 5 to 9 employees | 1 486 | 156 | 1 | 4 | 18 | 165 | 33 | 18 | 265 | 42 | 5 | 21 | 10 | 98 | 28 | 143 | 288 | 96 | 24 | 21 | 52 | 26 |
| 10 to 19 employees | 1 436 | 159 | — | 5 | 25 | 127 | 32 | 17 | 211 | 58 | 3 | 63 | 17 | 72 | 36 | 173 | 363 | 32 | 28 | 24 | 42 | 25 |
| 20 to 49 employees | 1 410 | 201 | — | 4 | 23 | 95 | 28 | 54 | 178 | 17 | — | 38 | 16 | 50 | 46 | 180 | 234 | 35 | 24 | 21 | 44 | 37 |
| 50 to 99 employees | 769 | 129 | — | 8 | 12 | 41 | 23 | 40 | 75 | 10 | 2 | 38 | 17 | 11 | 37 | 66 | 164 | 38 | 15 | 12 | 23 | 25 |
| 100 to 249 employees | 606 | 97 | — | 8 | 9 | 30 | 14 | 41 | 35 | 2 | — | 8 | 6 | 9 | 15 | 82 | 87 | 43 | 16 | 16 | 16 | 29 |
| 250 to 499 employees | 234 | 28 | — | 4 | 5 | 6 | 7 | 22 | 16 | 2 | 1 | 8 | 3 | 2 | 5 | 21 | 41 | 23 | 8 | 6 | 3 | 10 |
| 500 to 999 employees | 125 | 8 | — | 1 | 1 | 3 | 2 | 6 | 5 | 1 | — | 1 | — | — | 9 | 10 | 18 | 20 | 3 | 3 | 3 | 15 |
| 1,000 to 2,499 employees | 44 | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | 1 | 15 | 5 | 3 | 1 | — | — |
| 2,500 employees or more | 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 3 | 1 | 3 | — | — | — |
| Wyoming | 511 | 44 | — | — | 10 | 99 | 5 | 1 | 105 | 15 | 20 | 5 | 3 | 58 | 6 | 25 | 79 | 7 | 5 | 5 | 13 | 6 |
| 1 to 4 employees | 210 | 23 | — | — | 6 | 50 | 4 | — | 45 | 4 | 6 | — | 2 | 15 | 2 | 5 | 25 | 5 | 4 | 2 | 9 | 3 |
| 5 to 9 employees | 101 | 6 | — | — | 2 | 16 | 1 | — | 23 | 5 | 2 | 1 | 1 | 14 | 1 | 7 | 18 | 1 | — | 1 | 2 | — |
| 10 to 19 employees | 85 | 4 | — | — | 1 | 12 | — | 1 | 17 | 2 | 2 | 2 | — | 16 | 2 | 8 | 16 | — | — | 1 | — | — |
| 20 to 49 employees | 67 | 5 | — | — | 1 | 14 | — | — | 17 | 2 | 1 | 1 | — | 4 | 1 | 4 | 13 | — | 1 | 1 | 2 | — |
| 50 to 99 employees | 27 | 2 | — | — | — | 7 | — | — | 1 | 1 | 5 | — | — | 8 | — | — | 2 | 1 | — | — | — | — |
| 100 to 249 employees | 19 | 4 | — | — | — | — | — | — | 2 | 1 | 4 | — | — | — | — | — | 4 | — | — | — | — | — |
| 250 to 499 employees | 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 1 | — | — | — | — | — |

Note: Data on number of establishments by employment size class by four-digit SIC industry for States, counties, and selected places are presented in Location of Manufacturing Plants data series. This series is available only on computer tape (see introductory text).

¹Includes establishments with payroll at any time during year.

²Auxiliaries are included in figures shown.



APPENDIX A.

Explanation of Terms

This appendix is in two sections. Section 1 includes items which were requested of all establishments that were mailed census of manufactures forms including annual survey of manufactures (ASM) forms. Note that this section also includes several items (number of establishments and companies and value added) that were not included on the report forms but were derived from information collected on the forms. Section 2 covers supplementary items that were requested only from establishments included in the ASM sample. Results of the supplementary ASM inquiries are included in table 3b of this report.

SECTION 1. ITEMS COLLECTED OR DERIVED BASED ON ALL CENSUS OF MANUFACTURES (INCLUDING ASM) REPORT FORMS

Number of establishments and companies—As discussed in the Introduction, a separate report was required for each manufacturing establishment (plant) with one employee or more. An establishment is defined as a single physical location where manufacturing is performed. A company, on the other hand, is defined as a business organization consisting of one establishment or more under common ownership or control.

If the company operates at different physical locations, even if the individual locations are producing the same line of goods, a separate report was requested for each location. If the company operates in two or more distinct lines of manufacturing at the same location, a separate report was requested for each activity.

An establishment not in operation for any portion of the year was requested to return the report form with the proper notation in the "Operational Status" section of the form. In addition, the establishment was requested to report data on the number of custodial employees, capital expenditures, inventories, or any shipments from inventories during the portion of the year the plant was in operation.

In this report, data are shown for establishments in operation at any time during the year. A comparison with the number of establishments in operation at the end of the year will be provided in the Introduction to Part 1 of the General Summary subject report.

Employment and related items—The regular report forms requested separate information on production workers as of a payroll period for each quarter of the year and on other employees as of the payroll period which included the 12th of March.

All employees—This item includes all full-time and part-time employees on the payrolls of manufacturing establishments during any part of the pay period ending nearest the 12th of the months specified on the report form. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Officers of corporations are included as employees; proprietors and partners of unincorporated firms are excluded. The "all employees" number is the average number of production workers plus the number of other employees in mid-March. The number of production workers is the average for the payroll periods including the 12th of March, May, August, and November.

Production workers—This item includes workers (up through the line-supervisor level) engaged in fabricating, processing, assembling, inspecting, receiving, storing, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with these production operations at the establishment covered by the report. Employees above the working-supervisor level are excluded from this item.

All other employees—This item covers nonproduction employees of the manufacturing establishment including those engaged in factory supervision above the line-supervisor level. It includes sales (including driver salespersons), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office function, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.), professional, and technical employees. Also included are employees on the payroll of the manufacturing establishment who are engaged in the construction of major additions or alterations to the plant and who are utilized as a separate work force.

In addition to reports sent to operating manufacturing establishments, information on employment during the payroll period which included March 12 and annual payrolls was also requested of auxiliary units (e.g., administrative offices, warehouses, and research and development laboratories) of multiestablishment companies. These figures are included in manufacturing totals for all geographic levels and as a separate category in tables 1, and 5 through 9.

Payrolls—This item includes the gross earnings of all employees on the payroll of operating manufacturing establishments paid in the calendar year 1982. Respondents were told they could follow the definition of payrolls used for calculating the Federal withholding tax. It includes all forms of compensation, such as salaries, wages, commissions, dismissal pay, all bonuses, vacation and sick leave pay, and compensation in kind, prior to such deductions as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of corporations, but excludes payments to proprietors or partners of unincorporated concerns. Also excluded are payments

to members of Armed Forces and pensioners carried on the active payroll of manufacturing establishments.

The census definition of payrolls is identical to that recommended to all Federal statistical agencies by the Office of Management and Budget. It should be noted that this definition does not include employers' Social Security contributions or other nonpayroll labor costs, such as employees' pension plans, group insurance premiums, and workers' compensation.

The ASM provides estimates of employers' supplemental labor costs, both those required by Federal and State laws and those incurred voluntarily or as part of collective bargaining agreements. (Supplemental labor costs are explained later in this appendix.)

As in the case of employment figures, the payrolls of separate auxiliary units of multiestablishment companies are not included in the totals for individual industries or industry groups, but are included in the data for the geographic area (State, SMSA, county, place) as a whole.

Production-worker hours—This item covers hours worked or paid for at the plant, including actual overtime hours (not straight-time equivalent hours). It excludes hours paid for vacations, holidays, or sick leave.

Cost of materials—This term refers to direct charges actually paid or payable for items consumed or put into production during the year, including freight charges and other direct charges incurred by the establishment in acquiring these materials. It includes the cost of materials or fuel consumed, whether purchased by the individual establishment from other companies, transferred to it from other establishments of the same company, or withdrawn from inventory during the year.

The important components of this cost item are (1) all raw materials, semifinished goods, parts, components, containers, scrap, and supplies put into production or used as operating supplies and for repair and maintenance during the year, (2) electric energy purchased, (3) fuels consumed for heat, power, or the generation of electricity, (4) work done by others on materials or parts furnished by manufacturing establishments (contract work), and (5) products bought and resold in the same condition. (See discussion of duplication of data below.)

Value of shipments—This item covers the received or receivable net selling values, f.o.b. plant (exclusive of freight and taxes), of all products shipped, both primary and secondary, as well as all miscellaneous receipts, such as receipts for contract work performed for others, installation and repair, sales of scrap, and sales of products bought and resold without further processing. Included are all items made by or for the establishments from materials owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment. The net selling value of products made in one plant on a contract basis from materials owned by another was reported by the plant providing the materials.

In the case of multiunit companies, the manufacturer was requested to report the value of products transferred to other establishments of the same company at full economic or commercial value, including not only the direct cost of production but also a reasonable proportion of "all other costs" (including company overhead) and profit. (See discussion of duplication of data below.)

Duplication in cost of materials and value of shipments—The aggregate of the cost of materials and value of shipments figures for industry groups and for all manufacturing industries includes large amounts of duplication, since the products of some industries are used as materials by others. With some important exceptions, such as for motor vehicles and parts, this duplication is not significant at the four-digit industry level. However, it is significant at the two-digit and three-digit industry group level because these totals often include industries that represent successive stages in the production of a finished manufactured product. Examples are the addition of flour mills to bakeries in the "Food" group and the addition of pulp mills to paper mills in the "Paper and Allied Products" group of industries. Estimates of the overall extent of this duplication indicate that the value of manufactured products exclusive of such duplication (the value of finished manufactures) tends to approximate two-thirds of the total value of products reported in the census of manufactures.

Value added by manufacture—This measure of manufacturing activity is derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments (products manufactured plus receipts for services rendered). The result of this calculation is adjusted by the addition of value added by merchandising operations (i.e., the difference between the sales value and the cost of merchandise sold without further manufacture, processing, or assembly) plus the net change in finished goods and work-in-process between the beginning- and end-of-year inventories.

Because of the change in instructions for reporting inventories for 1982, the 1982 figure for value added is not strictly comparable to prior-year data. This is explained more fully in the inventories section below.

"Value added" avoids the duplication in the figure for value of shipments that results from the use of products of some establishments as materials by others. Value added is considered to be the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

New and used capital expenditures—For establishments in operation and establishments under construction but not yet in operation, manufacturers were asked to report their new expenditures for (1) permanent additions and major alterations to manufacturing establishments, and (2) machinery and equipment used for replacement and additions to plant capacity if they were of the type for which depreciation accounts were ordinarily maintained.

The totals for new expenditures exclude that portion of expenditures leased from nonmanufacturing concerns, new facilities owned by the Federal Government but operated under contract by private companies, and plant and equipment furnished to the manufacturer by communities and nonprofit organizations. Also excluded are expenditures for used plant and equipment (although reported in the census), expenditures for land, and cost of maintenance and repairs charged as current operating expenses.

Manufacturers were also requested to report the value of all used buildings and equipment purchased during the year at the purchase price. For any equipment or structure transferred to the use of the reporting establishment by the parent company or one of its subsidiaries, the value at which it was transferred to the establishment was to be reported. Furthermore, if the

establishment changed ownership during the year, the cost of the fixed assets (building and equipment) was to be reported under used capital expenditures.

Total expenditures for used plant and equipment is a universe figure; i.e., it is collected on all census forms. However, the breakdown of this figure between expenditures for used buildings and other structures and expenditures for used machinery and equipment is collected only on the ASM form and is subject to sampling error (see table 3b). The data for total new capital expenditures, new building expenditures, and new machinery expenditures, as well as the data for total used expenditures, are shown in both tables 3a and 3b. The figure in table 3a is a census universe total and may differ from the results of the ASM sample shown in table 3b. Since the figures in table 3b are subject to sampling error, they are not considered as reliable as the universe figures.

End-of-year inventories—Respondents were asked to report their 1981 and 1982 end-of-year inventories at cost or market. Effective with the 1982 Economic Censuses, this change to a uniform instruction for reporting inventories was introduced for all sector reports. Prior to 1982, respondents were permitted

to value inventories using any generally accepted accounting method (FIFO, LIFO, market, to name a few). In 1982, LIFO users were asked to first report inventory values prior to the LIFO adjustment and then to report the LIFO reserve and the LIFO value after adjustment for the reserve.

Because of this change in reporting instructions, the 1982 data for inventories and value added by manufacture included in the tables of this report are not comparable to the prior-year data shown in table 1a of this report and in historical census of manufactures and annual survey of manufactures publications.

In using inventory data by stage of fabrication for "all industries" and at the two-digit industry level, it should be noted that an item treated as a finished product by an establishment in one industry may be reported as a raw material by another establishment in a different industry. For example, the finished-product inventories of a steel mill would be reported as raw materials by a stamping plant. Such differences are present in the inventory figures by stage of fabrication shown for individual industries, industry groups, and "all manufacturing," which are aggregates of figures reported by establishments in specified industries.

SECTION 2. ITEMS COLLECTED ONLY ON ASM REPORT FORMS

Supplemental labor costs—Supplemental labor costs are divided into legally required expenditures and payments for voluntary programs. The legally required portion consists primarily of Federal old age and survivors' insurance, unemployment compensation, and workers' compensation. Payments for voluntary programs include all programs not specifically required by legislation whether they were employer initiated or the result of collective bargaining. They include the employer portion of such plans as insurance premiums, premiums for supplemental accident and sickness insurance, pension plans, supplemental unemployment compensation, welfare plans, stock purchase plans on which the employer payment is not subject to withholding tax, and deferred profit-sharing plans. They exclude such items as company-operated cafeterias, in-plant medical services, free parking lots, discounts on employee purchases, and uniforms and work clothing for employees. While the excluded items do benefit employees and all or part of their cost generally is similar to the items covered in the ASM labor costs statistics, accounting records do not generally provide reliable figures on net employee benefits of these types.

Cost of purchased services—ASM establishments were requested to provide information on the cost of purchased services for the repair of buildings and other structures, the repair of machinery, and communication services. Included in the cost of purchased services for the repair of buildings and machinery are payments made for all maintenance and repair work on buildings and equipment, such as painting, roof repairs, replacing parts, and overhauling equipment. Such payments made to other establishments of the same company and for repair and maintenance of any leased property are also included. Extensive repairs or reconstruction that were capitalized are considered capital expenditures for used buildings and machinery and are, therefore, excluded from this item. Repair and maintenance costs provided by an owner as part of a rental contract or incurred

directly by an establishment in using its own work force are also excluded.

The response coverage ratio shown in table 3b for each of the three types of purchased services listed above is a measure of the extent to which respondents reported for each item. It is derived for each item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight; see section 3) for those ASM establishments that reported the specific inquiry to the weighted total employment for all ASM establishments classified in the industry.

Electric energy used for heat and power—Data on the cost of purchased electric energy were collected on all census forms. However, data on the quantity of purchased electric energy and quantity of generated-less-sold electric energy were collected only on the ASM forms. The cost and quantity of purchased electric energy represent the amount actually used during the year for heat and power. In addition, information was collected on the quantity of electric energy generated by the establishment and the quantity of electric energy sold or transferred to other plants of the same company.

Beginning- and end-of-year depreciable assets—The data encompass all fixed depreciable assets on the books of establishments at the beginning and at the end of the year. The values shown (book value) represent the actual cost of assets at the time they were acquired, including all costs incurred in making the assets usable (such as transportation and installation). Included are all buildings, structures, machinery, and equipment (production, office, and transportation equipment) for which depreciation reserves are maintained. Excluded are non-depreciable capital assets, including inventories and intangible assets, such as patent rights and royalties. Also excluded are land and depletable assets, such as timber and mineral rights.

The definition of fixed depreciable assets is consistent with the definition of capital expenditures. For example, expenditures

include actual capital outlays during the year, rather than the final value of equipment put in place and buildings completed during the year. Accordingly, the value of assets at the end of the year includes the value of construction in progress. In addition, respondents were requested to make certain that assets at the beginning of the year plus new and used capital expenditures, less retirements, equalled assets at the end of the year.

New and used capital expenditures—The data for total new capital expenditures, new building expenditures, new machinery expenditures, and total used capital expenditures are collected on all census forms. However, the breakdown between expenditures for used buildings and other structures and expenditures for used machinery and equipment is collected only on the ASM form. (See further explanation on capital expenditures in section 1.)

Breakdown of new capital expenditures for machinery and equipment—ASM establishments were requested to separate their capital expenditures for new machinery and equipment into (1) automobiles, trucks, etc., for highway use, (2) computers and peripheral data processing equipment, and (3) all other.

The category "automobiles, trucks, etc., for highway use" is intended to measure expenditures for vehicles designed for highway use that were acquired through a purchase or lease-purchase agreement. Vehicles normally operating off public highways (vehicles specifically designed to transport materials, property, or equipment on mining, construction, logging, and petroleum development projects) are excluded from this item.

The "not specified by kind" or n.s.k. item for expenditures for new machinery and buildings shown in table 3b, represents the total machinery and equipment expenditures for establishments that did not break down their expenditures for the three specific categories. This means that for most industries the specific categories are understated.

Retirements—Included in this item is the gross value of assets sold, retired, scrapped, destroyed, etc., during 1982. When a complete operation or establishment changed ownership, the respondent was instructed to report the value of the assets sold at the original cost as recorded in the books of the seller. The respondent was also requested to report retirements of equipment or structures owned by a parent company that the establishment was using as if it were a tenant.

Rental payments—This item includes rental payments for the use of all items for which depreciation reserves would be maintained if they were owned by the establishment, e.g., structures and buildings, and production, office, and transportation equipment. Excluded are royalties and other payments for the use of intangibles and depletable assets, and land rents where separable.

When an establishment of a multiestablishment company was charged rent by another part of the same company for the use of assets owned by the company, it was instructed to exclude that cost from rental payments. However, the book value (original cost) of these company-owned assets was to be reported as assets of the establishment at the end of the year.

If there were assets at an establishment rented from another company, and the rents were paid centrally by the head office of the establishment, the company was instructed to report these rental payments as if they were paid directly by the establishment.

Depreciation charges—This item includes depreciation and amortization charged during the year against assets. Depreciation charged against fixed assets acquired since the beginning of the year and against assets sold or retired during the year are components of this category. Respondents were requested to make certain that they did not report accumulated depreciation.

APPENDIX B.

Annual Survey of Manufactures (ASM) Sampling and Estimating Methodologies

DESCRIPTION OF SURVEY SAMPLE

The Annual Survey of Manufactures (ASM) contains two components. The mail portion of the survey is a probability sample of about 55,000 manufacturing establishments selected from a total of about 225,000 establishments. These 225,000 establishments represent all manufacturing establishments of multiunit companies and all single-unit manufacturing establishments with five employees or more tabulated in the 1977 Census of Manufactures. This mail portion is supplemented by a Social Security Administration list of new manufacturing establishments opened after 1977. The individual establishments were defined as the sampling unit for this sample. This is a change from the previous ASM sample when companies were used as the sampling unit. The implication of this change is that the probability of selection of any establishment relates only to the size of the establishment itself and is independent of the size of the company with which the establishment is affiliated. The efficiencies associated with the change to an establishment sample have made it possible to reduce the mail sample panel from 70,000 establishments in 1978 to 55,000 establishments in the current panel.

The nonmail portion of the survey includes all single-unit establishments that were tabulated with less than five employees in the 1977 Census of Manufactures. Although this portion contained approximately 125,000 establishments, it accounted for less than 2 percent of the estimate for total value of shipments at the total manufacturing level. This portion was not sampled; rather, the data for every establishment in this group were estimated based on selected information obtained annually from the administrative records of other Federal agencies. This administrative record information, which includes payroll, total employment, industry classification, and physical location of the establishment, was obtained under special conditions, which safeguard the confidentiality of both tax and census records. Estimates for data for these small establishments were developed using industry averages in conjunction with the administrative information.

The corresponding estimates for the mail and nonmail establishments were added together, along with the adjusted base-year differences as defined in Description of Estimating Procedures below. The remaining description of the survey sample relates only to the mail portion of the ASM sample.

All establishments with 250 employees or more in the 1977 census were included in the survey panel with certainty. These establishments collectively account for approximately 65 percent of the total value of shipments for manufacturing establishments in the 1977 census. Smaller establishments were sampled with probabilities ranging from 1.000 down to 0.005 in accordance with mathematical theory for optimum allocation of a sample.

The probabilities of selection assigned to the smaller establishments were proportional to measures of size determined for each establishment. For establishments included in the 1977 Census of Manufactures, the measure of size depended directly upon each establishment's 1977 product class values and the

historic variability of the year-to-year shipments of each product class. Roughly equivalent measures of size were assigned to postcensus birth establishments based on their industry codes and anticipated payroll and employment.

The method of assigning measures of size was used in order to maximize the precision (that is, minimize the variance of estimates of the year-to-year change) in the value of product class shipments. Implicitly, it also gave weight to differences in employment, value added, and other general statistics, for these are highly correlated with value of shipments. Individual sample selection probabilities were obtained by multiplying each establishment's final measure of size by an overall sampling fraction coefficient calculated to yield a total expected sample size.

The sample selection procedure gave each establishment in the sampling frame an independent chance of selection. This method of independent selection permits the rotation of establishments into and out of a given sample panel without introducing a bias into the survey estimates.

DESCRIPTION OF ESTIMATING PROCEDURES

Most of the ASM estimates for the years 1978-1981 were computed using a modified "difference estimate" formula. For each item, a base-year difference was developed. This base-year difference is equal to the difference between the 1977 census published number for an item total and the linear ASM estimate of the total for 1977. The ASM linear estimate was obtained by multiplying each sample establishment's data by its sample weight (the reciprocal of its probability of selection) and summing the weighted values.

This base-year difference was then adjusted to reflect the estimated growth at the four-digit or, in the case of product classes, five-digit based Standard Industrial Classification (SIC) level from 1977 to the year of the survey; for example, 1981. It should be noted that due to processing constraints, the growth factors lagged one year; i.e., if 1981 is the survey year, they were not based on the estimated growth from 1977 to 1981 but rather the growth from 1977 to 1980. This one-year lag had negligible effect on the estimates, particularly at the total manufacturing level where the adjusted base-year difference accounted for less than 1 percent of the estimate for total value of shipments.

These adjusted base-year differences were then added to the corresponding current-year linear estimates, which include the sum of the estimates for the mail and nonmail establishments, to produce the estimates for the years 1978-1981. Estimates developed by this procedure usually are far more reliable than comparable linear estimates developed from the current sample data alone.

The 1982 sample data included in table 3b were also developed using difference estimates. However, since the universe totals for the census year (1977 or 1982) were not known, a modification of the procedure described above was necessary. For each item in table 3b, except purchased services and breakdown of expenditures for new machinery and equipment (see further description in appendix A, section 2), linear

estimates of the publication totals from the ASM mail sample were adjusted by the difference between imputed census totals and the corresponding ASM mail sample estimates of these imputed totals. These imputed totals are obtained by applying industry average ratios to control item values at the establishment level. For example, an imputed total beginning assets figure is obtained by multiplying each establishment's total value of shipments by the industry (four-digit SIC) average for the ratio of beginning assets to shipments.

Separate estimates for the nonmail establishments were not developed. However, their contribution to the publication estimates is reflected in the difference adjustment.

QUALIFICATIONS OF THE DATA

The estimates developed from the sample are apt to differ somewhat from the results of a survey covering all companies in the sampled lists but otherwise conducted under essentially the same conditions as the actual sample survey. The estimates of the magnitude of the sampling errors (the differences between the estimates obtained and the results theoretically obtained from a comparable, complete-coverage survey) are provided by the standard errors of the estimates.

The particular sample selected for the ASM is one of a large number of similar probability samples that, by chance, might have been selected under the same specifications. Each of the possible samples would yield somewhat different sets of results, and the standard errors are measures of the variation of all the possible sample estimates around the theoretical, comparable, complete-coverage values.

Estimates of the standard errors have been computed from the sample data for selected statistics in this report. They are presented in the form of relative standard errors, the standard errors divided by the estimated values to which they refer.

In conjunction with its associated estimate, the relative standard error may be used to define confidence intervals (ranges that would include the comparable, complete-coverage value for specified percentages of all the possible samples).

The complete coverage value would be included in the range:

1. From one standard error below to one standard error above the derived estimate for about two-thirds of all possible samples.
2. From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.
3. From three standard errors below to three standard errors above the derived estimate for nearly all samples.

An inference that the comparable, complete-survey result would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining the confidence that the estimates from a particular sample would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

For example, suppose an estimated total is shown as 50,000 with an associated relative standard error of 2 percent, that is, a standard error of 1,000 (2 percent of 50,000). There is approximately 67 percent confidence that the interval 49,000 to 51,000 includes the complete-coverage total and about 95 percent confidence that the interval 48,000 to 52,000 includes the complete-coverage total.

In addition to the sample errors, the estimates are subject to various response and operational errors: errors of collection, reporting, coding, transcription, imputation for nonresponse, etc. These operational errors would also occur if a complete canvass were to be conducted under the same conditions as the survey.

Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected in the course of the Bureau's review of the data for reasonableness and consistency. The small operational errors usually remain. To some extent, they are compensating in the aggregated totals shown. When important operational errors were detected too late to correct the estimates, the data were suppressed or were specifically qualified in the tables.

As derived, the estimated standard errors included part of the effect of the operational errors. The total errors, which depend upon the joint effect of the sampling and operational errors, are usually of the order of size indicated by the standard error, or only moderately higher. However, for particular estimates, the total error may considerably exceed the standard errors shown.

The concept of complete coverage under the conditions prevailing for the ASM is not identical to the complete coverage of the census of manufactures, as the censuses have been conducted. Nearly all types of operational errors that affect the ASM also occur in the censuses. The ASM and the censuses, are conducted under quite different conditions, and operational errors can be better controlled in the ASM than in the censuses. As a result, for many of the census figures, the errors are of the same order of size as the total errors of the corresponding annual survey estimates. The differences between the census and ASM operating conditions also disturb, to some degree, the comparability of the ASM and census data.

Any figures shown in the tables in this publication having an associated standard error exceeding 15 percent may be of limited reliability. However, the figure may be combined with higher-level totals, creating a broader aggregate, which then may be of acceptable reliability.

APPENDIX C.

Industry Descriptions

This appendix contains descriptions of the approximately 450 four-digit industries for which data were compiled and published in the 1982 Census of Manufactures. The industry titles and descriptions, in general, agree with those appearing in the 1972 Standard Industrial Classification Manual and its 1977 Supplement, but the descriptions have been expanded in some instances, to include references to additional products classified in other industries.

To avoid disclosing data for individual companies, the 1982 Census of Manufactures combined certain industries. The three combinations are as follows: (1) Industry 2793, Photoengraving and 2794, Electrotyping and stereotyping, (2) 3572, Typewriters and 3579, Office Machines, Not Elsewhere Classified were combined, and (3) 3671, Electron Tubes, Receiving Type; 3672 Cathode Ray Television Picture Tubes; and 3673, Electron Tubes, Transmitting, were combined into 3671, Electron Tubes, All Types.

This major group includes establishments manufacturing or processing foods and beverages for human consumption, and certain related products, such as manufactured ice, chewing gum, vegetable and animal fats and oils, and prepared feeds for animals and fowls.

201 MEAT PRODUCTS

2011 Meat Packing Plants.—Establishments primarily engaged in the slaughtering, for their own account or on a contract basis for the trade, of cattle, hogs, sheep, lambs, and calves for meat to be sold or to be used on the same premises in canning and curing, and in making sausage, lard, and other products. Establishments primarily engaged in killing, dressing, and packing poultry, rabbits, and other small game are classified in industry 2016; and those primarily engaged in killing and processing horses and other nonfood animals are classified in industry 2047. Establishments primarily engaged in manufacturing sausages and meat specialties from purchased meats are classified in industry 2013; and establishments primarily engaged in canning meat for baby food are classified in industry 2032.

2013 Sausages and Other Prepared Meat Products.—Establishments primarily engaged in manufacturing sausages, cured meats, smoked meats, canned meats, frozen meats, natural sausage casings, and other prepared meats and meat specialties from purchased carcasses and other materials. Sausage kitchens and other prepared meat plants operated by packing houses as separate establishments are also included in this industry. Establishments primarily engaged in canning or otherwise processing poultry, rabbits, and other small game are classified in industries 2016 and 2017. Establishments primarily engaged in the cutting up and resale of purchased fresh carcasses are classified in trade industries. Establishments primarily engaged in canning meat for baby food are classified in industry 2032.

2016 Poultry Dressing Plants.—Establishments primarily engaged in slaughtering and dressing poultry for their own account or on a contract basis for the trade for meat to be sold or to be used on the same premises in further processing, including cooking, smoking, raw-boning, canning, freezing, and dehydrating. This industry also includes the killing, dressing, and packing of rabbits and other small game. Establishments primarily engaged in processing purchased carcasses are classified in industry 2017.

2017 Poultry and Egg Processing.—Establishments primarily engaged in the preparation of processed poultry

products from purchased carcasses, including cooking, smoking, raw-boning, canning, freezing, and dehydrating, for their own account or on a contract basis for the trade; or in the drying, freezing, and breaking of eggs. The cleaning, oil treating, packing, and grading of eggs are classified in industry 5144. Establishments primarily engaged in the cutting up and resale of purchased fresh carcasses are classified in the trade industries.

202 DAIRY PRODUCTS

This group includes establishments primarily engaged in: (1) manufacturing creamery butter, natural cheese, condensed and evaporated milk, ice cream and frozen desserts, and special dairy products, such as processed cheese and malted milk; and (2) processing (pasteurizing, homogenizing, vitaminizing, bottling) fluid milk and cream for wholesale or retail distribution. Independently operated milk receiving stations primarily engaged in the assembly and reshipment of bulk milk for the use of manufacturing or processing plants are classified in industry 5143.

2021 Creamery Butter.—Establishments primarily engaged in manufacturing creamery butter.

2022 Cheese, Natural and Processed.—Establishments primarily engaged in manufacturing all types of natural cheese (except cottage cheese—industry 2026), processed cheese, cheese foods, and cheese spreads.

2023 Condensed and Evaporated Milk.—Establishments primarily engaged in manufacturing condensed and evaporated milk and related products, including ice-cream mix and ice-milk mix made for sale as such, and dry milk products. Also included is the manufacture of nondairy-base cream substitutes and dietary supplements.

2024 Ice Cream and Frozen Desserts.—Establishments primarily engaged in manufacturing ice cream and other frozen desserts.

2026 Fluid Milk.—Establishments primarily engaged in processing (pasteurizing, homogenizing, vitaminizing, bottling) and distributing fluid milk and cream, and related products, including cottage cheese.

203 CANNED AND PRESERVED FRUITS AND VEGETABLES

2032 Canned Specialties.—Establishments primarily engaged in canning specialty products, such as baby foods, "native foods," health foods, and soups, except seafood. Establishments primarily engaged in

canning seafoods other than frozen are classified in industry 2091, frozen seafoods in industry 2092, and those primarily engaged in quick freezing canned specialties in industry 2038.

2033 Canned Fruits, Vegetables, Preserves, Jams, and Jellies.—Establishments primarily engaged in canning fruits and vegetables, and fruit and vegetable juices; and manufacturing catsup and similar tomato sauces, preserves, jams, and jellies. Establishments primarily engaged in canning seafoods (except frozen) are classified in industry 2091; and canned specialties, baby foods, and soups (except seafood) in industry 2032.

2034 Dried and Dehydrated Fruits, Vegetables, and Soup Mixes.—Establishments primarily engaged in sun drying or artificially dehydrating fruits and vegetables, or in manufacturing packaged soup mixes from dehydrated ingredients. Establishments primarily engaged in the grading and marketing of farm dried fruits, such as prunes and raisins, are classified in industry 5149.

2035 Pickled Fruits and Vegetables, Vegetable Sauces and Seasonings, and Salad Dressings.—Establishments primarily engaged in pickling and brining fruits and vegetables, and in manufacturing salad dressings, vegetable relishes, sauces, and seasonings. Establishments primarily engaged in manufacturing catsup and similar tomato sauces are classified in industry 2033, and those packing purchased pickles and olives in trade industries.

2037 Frozen Fruits, Fruit Juices and Vegetables.—Establishments primarily engaged in freezing and coldpacking (freezing) fruits, fruit juices, and vegetables.

2038 Frozen Specialties.—Establishments primarily engaged in freezing and coldpacking (freezing) food specialties, such as frozen dinners and frozen pizza.

204 GRAIN MILL PRODUCTS

2041 Flour and Other Grain Mill Products.—Establishments primarily engaged in milling flour or meal from grain, except rice. The products of flour mills may be sold plain or in the form of prepared mixes or doughs for specific purposes. Establishments primarily engaged in manufacturing prepared flour mixes or doughs from purchased ingredients are classified in industry 2045, and rice milling in industry 2044.

2043 Cereal Breakfast Foods.—Establishments primarily engaged in manufacturing cereal breakfast foods and related preparations.

2044 Rice Milling.—Establishments primarily engaged in cleaning and polishing rice, and in manufacturing

rice flour or meal. Other important products of this industry include brown rice, milled rice (including polished rice), rice polish, and rice bran.

2045 Blended and Prepared Flour.—Establishments primarily engaged in the preparation of blended flours and flour mixes or doughs from purchased flour. Establishments primarily engaged in milling flour from grain are classified in industry 2041.

2046 Wet Corn Milling.—Establishments primarily engaged in milling corn or sorghum grain (milo) by the wet process, and producing starch, syrup, oil, sugar, and byproducts, such as gluten feed and meal. Establishments primarily engaged in manufacturing starch from other vegetable sources (potato, wheat, etc.) are also included. Establishments primarily engaged in manufacturing table syrups from corn syrup and other ingredients and those manufacturing starch-base dessert powders are classified in industry 2099.

2047 Dog, Cat and Other Pet Food.—Establishments primarily engaged in manufacturing dog, cat, and other pet food from cereal, meat, and other ingredients. These preparations may be canned, frozen, or dry. This industry also includes establishments slaughtering animals for pet food. Establishments primarily engaged in manufacturing feed for animals, other than pets, are classified in industry 2048.

2048 Prepared Feeds and Feed Ingredients for Animals and Fowls, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing prepared feeds and feed ingredients and adjuncts, for animals and fowls, not elsewhere classified. This industry includes poultry and livestock feed and feed ingredients, such as alfalfa meal, feed supplements, feed concentrates, and feed premixes. Establishments primarily engaged in manufacturing pet foods are classified in industry 2047.

205 BAKERY PRODUCTS

2051 Bread and Other Bakery Products, Except Cookies and Crackers.—Establishments primarily engaged in manufacturing bread, cakes, and other "perishable" bakery products. Establishments manufacturing bakery products for sale primarily for home service delivery, or through one or more non-baking retail outlets, are included in this industry. Establishments primarily engaged in producing "dry" bakery products, such as biscuits, crackers, and cookies, are classified in industry 2052. Establishments producing bakery products primarily for direct sale on the premises to household consumers are classified in Retail Trade, industry 5462.

2052 Cookies and Crackers.—Establishments primarily engaged in manufacturing cookies, crackers, pretzels,

and similar "dry" bakery products. Establishments primarily engaged in producing "perishable" bakery products are classified in industry 2051.

206 SUGAR AND CONFECTIONERY PRODUCTS

2061 Cane Sugar, Except Refining Only.—Establishments primarily engaged in manufacturing raw sugar, syrup, or finished (granulated or clarified) cane sugar from sugarcane. Establishments primarily engaged in refining sugar from purchased raw cane syrup or sugar syrups are classified in industry 2062.

2062 Cane Sugar Refining.—Establishments primarily engaged in refining purchased raw cane sugar and sugar syrup.

2063 Beet Sugar.—Establishments primarily engaged in manufacturing sugar from sugar beets.

2065 Candy and Other Confectionery Products.—Establishments primarily engaged in manufacturing candy, including chocolate candy, salted nuts, other confections, and related products. Establishments primarily engaged in manufacturing solid chocolate bars are classified in industry 2066 and chewing gum in industry 2067. Establishments primarily engaged in manufacturing confectionery for direct sale on the premises are classified in industry 5441, and those primarily engaged in shelling and roasting nuts are classified in industry 5145.

2066 Chocolate and Cocoa Products.—Establishments primarily engaged in shelling, roasting, and grinding cacao beans for the purpose of making chocolate liquor, from which cocoa powder and cocoa butter are derived, and in the further manufacture of solid chocolate bars and chocolate coatings. Establishments primarily engaged in manufacturing products, except candy, from purchased chocolate and cocoa are classified in industry 2099, and chocolate candy in industry 2065.

2067 Chewing Gum.—Establishments primarily engaged in manufacturing chewing gum or chewing gum base.

207 FATS AND OILS

2074 Cottonseed Oil Mills.—Establishments primarily engaged in manufacturing cottonseed oil and byproduct cake, meal, and linters. Establishments primarily engaged in refining cottonseed oil into edible cooking oils are classified in industry 2079.

2075 Soybean Oil Mills.—Establishments primarily engaged in manufacturing soybean oil and byproduct cake

and meal. Establishments primarily engaged in refining soybean oil into edible cooking oils are classified in industry 2079.

2076 Vegetable Oil Mills, Except Corn, Cottonseed, and Soybean.—Establishments primarily engaged in manufacturing vegetable oils and byproduct cake and meal, except corn, cottonseed, and soybean. Establishments primarily engaged in manufacturing corn oil and its byproducts are classified in industry 2046, those which are refining vegetable oils into edible cooking oils are classified in industry 2079, and those refining these oils for medicinal purposes in industry 2833.

2077 Animal and Marine Fats and Oils.—Establishments primarily engaged in manufacturing animal oils, including fish oil and other marine animal oils and fish and animal meal; and those rendering inedible grease and tallow from animal fat, bones, and meat scraps. Establishments primarily engaged in manufacturing lard and edible tallow and stearin are classified in group 201; those refining marine animal oils for medicinal purposes in industry 2833; and those manufacturing fatty acids in industry 2899.

2079 Shortening, Table Oils, Margarine and Other Edible Fats and Oils, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing shortening, table oils, margarine, and other edible fats and oils, not elsewhere classified, by further processing of purchased animal and vegetable oils. Establishments primarily engaged in producing corn oil are classified in industry 2046.

208 BEVERAGES

2082 Malt Beverages.—Establishments primarily engaged in manufacturing all kinds of malt beverages. Establishments primarily engaged in bottling purchased malt beverages are classified in industry 5181.

2083 Malt.—Establishments primarily engaged in manufacturing malt or malt byproducts from barley or other grains.

2084 Wines, Brandy, and Brandy Spirits.—Establishments primarily engaged in manufacturing wines, brandy, and brandy spirits. This industry also includes bonded storerooms which are engaged in blending wines. Establishments primarily bottling purchased wines, brandy, and brandy spirits, but which do not manufacture wines and brandy, are classified in industry 5182.

2085 Distilled, Rectified, and Blended Liquors.—Establishments primarily engaged in manufacturing alcoholic liquors by distillation and rectification and in

manufacturing cordials and alcoholic cocktails by blending processes or by mixing liquors and other ingredients. Establishments primarily engaged in manufacturing industrial alcohol are classified in industry 2869, and those only bottling purchased liquors in industry 5182.

2086 Bottled and Canned Soft Drinks and Carbonated Waters.—Establishments primarily engaged in manufacturing soft drinks (nonalcoholic beverages) and carbonated waters. Establishments primarily engaged in manufacturing fruit and vegetable juices are classified in group 203, fruit syrups for flavoring in industry 2087, and cider in industry 2099. Establishments primarily engaged in bottling natural spring waters are classified in industry 5149.

2087 Flavoring Extracts and Flavoring Syrups, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing flavoring extracts, syrups, and fruit juices, not elsewhere classified, for soda fountain use or for the manufacture of soft drinks, and colors for bakers' and confectioners' use. Establishments primarily engaged in manufacturing chocolate syrup are classified in industry 2066 if from cacao beans and in industry 2099 if from purchased chocolate.

209 MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS

2091 Canned and Cured Fish and Seafoods.—Establishments primarily engaged in cooking and canning fish, shrimp, oysters, clams, crabs, and other seafoods, including soups; and those engaged in smoking, salting, drying, or otherwise curing fish for the trade. Establishments primarily engaged in shucking and packing fresh oysters in nonsealed containers, or in freezing and packaging fresh fish, are classified in industry 2092.

2092 Fresh or Frozen Packaged Fish and Seafoods.—Establishments primarily engaged in preparing fresh and raw or cooked frozen packaged fish and other seafood, including soups. This industry also includes establishments primarily engaged in the shucking and packing of fresh oysters in nonsealed containers.

2095 Roasted Coffee.—Establishments primarily engaged in roasting coffee and in manufacturing coffee concentrates and extracts in powdered, liquid, or frozen form, including freeze-dried.

2097 Manufactured Ice.—Establishments primarily engaged in manufacturing ice for sale. Ice plants operated by public-utility companies are included in this industry when separate reports are available. When separate reports are not available, they should be

classified in SIC Major Group 49. Establishments primarily engaged in manufacturing dry ice are classified in industry 2813.

2098 Macaroni, Spaghetti, Vermicelli, and Noodles.—Establishments primarily engaged in manufacturing dry macaroni, spaghetti, vermicelli, and noodles. Establishments primarily engaged in manufacturing canned macaroni, spaghetti, etc., are classified in industry 2032.

2099 Food Preparations, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing prepared foods and miscellaneous food specialties, not elsewhere classified, such as baking powder, yeast, and other leavening compounds; chocolate and cocoa products, except confectionery, made from purchased materials; peanut butter; packaged tea, including instant; ground spices; potato, corn, and other chips; and vinegar and cider.

21 TOBACCO MANUFACTURES

This major group includes establishments engaged in manufacturing cigarettes, cigars, smoking and chewing tobacco, and snuff, and in stemming and redrying tobacco. The manufacture of insecticides from tobacco byproducts is included in SIC Major Group 28.

211 CIGARETTES

2111 Cigarettes.—Establishments engaged in manufacturing cigarettes.

212 CIGARS

2121 Cigars.—Establishments engaged in manufacturing cigars. Retail stores producing cigars are classified in trade industries.

213 TOBACCO (CHEWING AND SMOKING) AND SNUFF

2131 Tobacco (Chewing and Smoking) and Snuff.—Establishments engaged in manufacturing smoking and chewing tobaccos, and snuff.

214 TOBACCO STEMMING AND REDRYING

2141 Tobacco Stemming and Redrying.—Establishments primarily engaged in the stemming and redrying of tobacco. Establishments which sell leaf tobacco as merchant wholesalers, agents, or brokers, and which may be also engaged in stemming tobacco, are classified in SIC Major Group 51. Leaf tobacco warehouses which may be also engaged in stemming tobacco are classified in SIC Major Group 42.

This major group includes establishments engaged in performing any of the following operations: (1) Preparation of fiber and subsequent manufacturing yarn, thread, braids, twine, and cordage; (2) manufacturing broad woven fabric, narrow woven fabric, knit fabric, and carpets and rugs from yarn; (3) dyeing and finishing fiber, yarn, fabric, and knit apparel; (4) coating, waterproofing, or otherwise treating fabric; (5) the integrated manufacture of knit apparel and other finished articles from yarn; and (6) the manufacture of felt goods, lace goods, nonwoven fabrics, and miscellaneous textiles.

This classification makes no distinction between the two types of organizations which operate in the textile industry: (1) The "integrated" mill which purchases materials, produces textiles and related articles within the establishment, and sells the finished products; and (2) the "contract" or "commission" mill which processes materials owned by others. Converters or other nonmanufacturing establishments which assign materials to contract mills for processing (other than knitting) are classified in nonmanufacturing industries; establishments which assign yarns to outside contractors or commission knitters for the production of knit products are classified in group 225.

221 BROAD WOVEN FABRIC MILLS, COTTON

2211 Broad Woven Fabric Mills, Cotton.—Establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly by weight of cotton. Establishments primarily engaged in weaving cotton carpets and rugs are classified in industry 2271; those tufting carpets and rugs in industry 2272; those making tire cord and fabric in industry 2296; and finishers of cotton broad woven fabrics in industry 2261.

222 BROAD WOVEN FABRIC MILLS, MANMADE FIBER AND SILK

2221 Broad Woven Fabric Mills, Manmade Fiber and Silk.—Establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly by weight of silk and manmade fibers, including glass. Establishments primarily engaged in weaving carpets and rugs from these fibers are classified in industry 2271; those tufting carpets and rugs from these fibers in industry 2272; those making tire cord and fabric in industry 2296; and finishers of manmade fiber and silk broad woven goods in industry 2262.

223 BROAD WOVEN FABRIC MILLS, WOOL (INCLUDING DYEING AND FINISHING)

2231 Broad Woven Fabric Mills, Wool (Including Dyeing and Finishing).—Establishments primarily engaged in

weaving fabrics over 12 inches in width, wholly or chiefly by weight of wool, mohair, or similar animal fibers; those dyeing and finishing all woven wool fabrics or dyeing wool, tops, or yarn; and those shrinking and sponging wool goods for the trade. Establishments primarily engaged in weaving wool carpets and rugs are classified in industry 2271, and those tufting wool carpets and rugs in industry 2272.

224 NARROW FABRICS AND OTHER SMALLWARES MILLS: COTTON, WOOL, SILK, AND MANMADE FIBER

2241 Narrow Fabrics and Other Smallwares Mills: Cotton, Wool, Silk, and Manmade Fiber.—Establishments primarily engaged in weaving or braiding fabrics 12 inches or narrower in width of cotton, wool, silk, and manmade fibers, including glass fibers. Establishments primarily engaged in producing fabric-covered elastic yarn or thread are also included in this industry.

225 KNITTING MILLS

This group includes three types of organizations which operate in the knitting mill industry: (1) The "integrated" mill which purchases materials, produces textiles and related articles within the establishment, and sells the finished products; (2) the "contract" or "commission" mill which processes materials owned by others; and (3) establishments commonly known as jobbers or converters of knit goods which perform the entrepreneurial functions of a manufacturing company, such as buying the raw material, designing and preparing samples, and assigning yarns to others for knitting products on their account.

2251 Women's Full Length and Knee Length Hosiery.—Establishments primarily engaged in knitting, dyeing, or finishing women's and misses' full length and knee length hosiery, both seamless and full-fashioned, and panty hose.

2252 Hosiery, Except Women's Full Length and Knee Length Hosiery.—Establishments primarily engaged in knitting, dyeing, or finishing hosiery except women's and misses' full length and knee length seamless and full-fashioned hosiery and panty hose.

2253 Knit Outerwear Mills.—Establishments primarily engaged in knitting outerwear from yarn or in manufacturing outerwear from knit fabric produced in the same establishment. Establishments primarily engaged in handknitting outerwear for the trade are included in this industry. Establishments primarily engaged in knitting gloves and mittens are classified

in industry 2259, and those manufacturing outerwear from purchased knit fabric in SIC Major Group 23.

2254 Knit Underwear Mills.—Establishments primarily engaged in knitting underwear and nightwear from yarn or in manufacturing underwear and nightwear from knit fabric produced in the same establishment. Establishments primarily engaged in manufacturing underwear and nightwear from purchased knit fabric are classified in SIC Major Group 23.

2257 Circular Knit Fabric Mills.—Establishments primarily engaged in knitting circular (tubular) fabric or in dyeing or finishing circular (tubular) knit fabric. Establishments primarily engaged in knitting, dyeing, or finishing warp fabric are classified in industry 2258.

2258 Warp Knit Fabric Mills.—Establishments primarily engaged in knitting warp (flat) fabric or in dyeing or finishing warp (flat) knit fabric. Establishments primarily engaged in knitting, dyeing, or finishing circular fabric are classified in industry 2257.

2259 Knitting Mills, Not Elsewhere Classified.—Establishments primarily engaged in knitting gloves and other articles, not elsewhere classified. Establishments primarily engaged in manufacturing woven or knit fabric gloves and mittens from purchased fabrics are classified in industry 2381.

226 DYEING AND FINISHING TEXTILES, EXCEPT WOOL FABRICS AND KNIT GOODS

2261 Finishers of Broad Woven Fabrics of Cotton.—Establishments primarily engaged in finishing purchased cotton broad woven fabrics or finishing such fabrics on a commission basis. These finishing operations include bleaching, dyeing, printing (roller, screen, flock, plisse), and other mechanical finishing, such as preshrinking, calendering, and napping. This industry also includes the shrinking and sponging of cloth for the trade, and chemical finishing for water repellency, fire resistance, and mildew proofing. Establishments primarily engaged in finishing wool broad woven fabrics are classified in industry 2231; knit goods in group 225; and those coating or impregnating fabrics in industry 2295.

2262 Finishers of Broad Woven Fabrics of Manmade Fiber and Silk.—Establishments primarily engaged in finishing purchased manmade fiber and silk broad woven fabrics or finishing such fabrics on a commission basis. These finishing operations include bleaching, dyeing, printing (roller, screen, flock, plisse), and other mechanical finishing, such as

preshrinking, calendering, and napping. Establishments primarily engaged in finishing wool broad woven fabrics are classified in industry 2231; knit goods in group 225; and those coating or impregnating fabrics in industry 2295.

2269 Finishers of Textiles, Not Elsewhere Classified.—Establishments primarily engaged in dyeing and finishing textiles, not elsewhere classified, such as bleaching, dyeing, printing, and finishing of raw stock, yarn, braided goods, and narrow fabrics, except wool and knit fabrics. These establishments perform finishing operations on purchased textiles or on a commission basis.

227 FLOOR COVERING MILLS

2271 Woven Carpets and Rugs.—Establishments primarily engaged in weaving carpets and rugs from any textile yarn. Important products of this industry include Axminster, Wilton, velvet, and similar woven carpets and rugs; and woven automobile and aircraft floor coverings.

2272 Tufted Carpets and Rugs.—Establishments primarily engaged in tufting carpets and rugs from any textile fiber. Important products of this industry include tufted carpets, rugs, scatter rugs, and bathmats and bathmat sets, except terry woven. Finishers of these products are also included in this industry.

2279 Carpets and Rugs, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing rugs, carpets, art squares, floor mattings, needle punch carpeting, and doormats and mattings from twisted paper, grasses, reeds, coir, sisal, jute, or rags. Establishments primarily engaged in manufacturing hard-surface floor coverings, except rubber and cork, are classified in industry 3996.

228 YARN AND THREAD MILLS

2281 Yarn Spinning Mills: Cotton, Manmade Fibers and Silk.—Establishments primarily engaged in spinning yarn wholly or chiefly by weight of cotton, manmade fibers, or silk. Establishments primarily engaged in dyeing or finishing purchased yarns or finishing yarns on a commission basis are classified in industry 2269.

2282 Yarn Texturizing, Throwing, Twisting, and Winding Mills: Cotton, Manmade Fibers and Silk.—Establishments primarily engaged in texturizing, throwing, twisting, winding, or spooling yarn wholly or chiefly by weight of cotton, manmade fibers, or silk. Establishments primarily engaged in dyeing or

finishing purchased yarns or finishing yarns on a commission basis are classified in industry 2269.

2283 Yarn Mills, Wool, Including Carpet and Rug Yarn.—Establishments primarily engaged in spinning, twisting, winding, or spooling yarn (including carpet and rug yarn) wholly or chiefly by weight of wool, mohair, or similar animal fibers. Establishments primarily engaged in dyeing or finishing purchased wool yarn or finishing wool yarn on a commission basis are classified in industry 2231.

2284 Thread Mills.—Establishments primarily engaged in manufacturing thread from natural or manmade fiber, except flax (industry 2299) and wool (industry 2283). Important products of this industry include sewing, crochet, darning, embroidery, tatting, hand-knitting, and other handicraft threads.

229 MISCELLANEOUS TEXTILE GOODS

2291 Felt Goods, Except Woven Felts and Hats.—Establishments primarily engaged in manufacturing pressed felt, regardless of fiber, by means of heat, moisture, and pressure; and those making punched felt for rugs, cushions, and other products from hair, jute, wool, or other fibers by the needle loom process. Establishments primarily engaged in manufacturing woven wool felts and wool haircloth are classified in industry 2231, those manufacturing felt hats in group 235, and those manufacturing needle punch carpeting in industry 2279.

2292 Lace Goods.—Establishments primarily engaged in manufacturing lace machine products, and those primarily engaged in dyeing and finishing lace goods. Establishments primarily engaged in manufacturing Schiffli machine embroideries are classified in industry 2397. Establishments primarily engaged in manufacturing knitted lace and netting are classified in industry 2258.

2293 Paddings and Upholstery Filling.—Establishments primarily engaged in manufacturing batting, padding, wadding, and filling for upholstery, pillows, quilts, and apparel, from curled hair, cotton-mill waste, moss, hemp tow, flax tow, kapok, and related materials. Establishments primarily engaged in manufacturing wood excelsior pads and wrappers are classified in industry 2429.

2294 Processed Waste and Recovered Fibers and Flock.—Establishments primarily engaged in processing textile mill waste for spinning, padding, batting, or other uses; in recovering textile fibers from clippings and rags; in cutting flock from waste, recovered fibers, or new fiber stock; and in manufacturing oakum and twisted jute packing. Establishments

primarily engaged in cleaning and sorting wiping rags or waste are classified in industry 5093.

2295 Coated Fabrics, Not Rubberized.—Establishments primarily engaged in manufacturing coated and impregnated textiles and in the special finishing of textiles, such as varnishing and waxing. Establishments primarily engaged in rubberizing purchased fabrics are classified in industry 3069, and those primarily engaged in dyeing and finishing textiles in group 226.

2296 Tire Cord and Fabric.—Establishments primarily engaged in manufacturing cord and fabric for use in reinforcing rubber tires, industrial belting, fuel cells, and similar uses.

2297 Nonwoven Fabrics.—Establishments primarily engaged in manufacturing nonwoven fabrics (by bonding and/or interlocking of fibers) by mechanical, chemical, thermal, or solvent means or by combinations thereof. Establishments primarily engaged in producing fabrics by the wool felting process are classified in other industries in this major group.

2298 Cordage and Twine.—Establishments primarily engaged in manufacturing rope, cable, cordage, twine, and related products from abaca (Manila), sisal, henequen, hemp, cotton, paper, jute, flax, manmade fibers, including glass and other fibers.

2299 Textile Goods, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing linen goods, jute goods except felt, and other textile goods, not elsewhere classified. Establishments primarily engaged in processing textile fibers to prepare them for spinning, such as wool scouring and carbonizing and combing and converting tow to top, are also classified here. Establishments primarily engaged in manufacturing woven felts are classified in industry 2231, nonwoven felts in industry 2291, nonwoven textiles in industry 2297, and cordage and twine in industry 2298.

23 APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS

This major group, known as the cutting-up and needle trades, includes establishments producing clothing and fabricating products by cutting and sewing purchased woven or knit textile fabrics and related materials, such as leather, rubberized fabrics, plastics, and furs.

Included in the apparel industries are three types of establishments: (1) The "regular" or inside factories, (2) contract factories, and (3) apparel jobbers. The regular factories perform all of the usual manufacturing functions within their own plant; the contract factories

manufacture apparel from materials owned by others; and apparel jobbers perform the entrepreneurial functions of a manufacturing company, such as buying raw materials, designing and preparing samples, arranging for the manufacture of the garments from their materials, and selling of the finished apparel.

Custom tailors and dressmakers not operating on a factory basis are classified in industry 5699; establishments which purchase and resell finished garments but do not perform the functions of the apparel jobbers are classified in group 513.

231 MEN'S, YOUTHS', AND BOYS' SUITS, COATS, AND OVERCOATS

2311 Men's, Youths', and Boys' Suits, Coats, and Overcoats.—Establishments primarily engaged in manufacturing men's, youths', and boys' tailored suits, coats, and overcoats. Establishments primarily engaged in manufacturing uniforms (except athletic uniforms) are also included in this industry. Establishments primarily engaged in manufacturing men's work garments are classified in industry 2328.

232 MEN'S, YOUTHS', AND BOYS' FURNISHINGS, WORK CLOTHING, AND ALLIED GARMENTS

2321 Men's, Youths', and Boys' Shirts (Except Work Shirts) and Nightwear.—Establishments primarily engaged in manufacturing men's, youths', and boys' shirts (including polo and sports shirts) and nightwear, cut and sewed from purchased woven or knit fabric. Establishments primarily engaged in manufacturing work shirts are classified in industry 2328. Knitting mills primarily engaged in manufacturing nightwear are classified in industry 2254, and outerwear in industry 2253.

2322 Men's, Youths', and Boys' Underwear.—Establishments primarily engaged in manufacturing men's, youths', and boys' underwear, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing underwear are classified in industry 2254.

2323 Men's, Youths', and Boys' Neckwear.—Establishments primarily engaged in manufacturing men's, youths', and boys' neckties, scarfs, and mufflers, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing neckties, scarfs, and mufflers are classified in industry 2253.

2327 Men's, Youths', and Boys' Separate Trousers.—Establishments primarily engaged in manufacturing men's, youths', and boys' separate trousers and slacks. Establishments primarily engaged in manufacturing

complete suits are classified in industry 2311, and work pants and jeans in industry 2328.

2328 Men's, Youths', and Boys' Work Clothing.—Establishments primarily engaged in manufacturing men's, youths', and boys' work shirts, pants, jeans, and other work clothing and washable service apparel.

2329 Men's, Youths', and Boys' Clothing, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing men's, youths', and boys' clothing, not elsewhere classified. Establishments primarily engaged in manufacturing polo and sport shirts from purchased woven or knit materials are classified in industry 2321; separate trousers in industry 2327; work clothing in industry 2328; and leather and sheep lined garments in industry 2386. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253.

233 WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR

2331 Women's, Misses', and Juniors' Blouses, Waists, and Shirts.—Establishments primarily engaged in manufacturing women's, misses', and juniors' blouses, waists, and shirts. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253. Establishments primarily engaged in manufacturing girls', children's, and infants' blouses, waists, and shirts are classified in industry 2361.

2335 Women's, Misses', and Juniors' Dresses.—Establishments primarily engaged in manufacturing women's, misses', and juniors' dresses, including ensemble dresses and pants dresses, whether sold by the piece or by the dozen. Establishments primarily engaged in manufacturing girls', children's, and infants' dresses are classified in industry 2361.

2337 Women's, Misses', and Juniors' Suits, Skirts, and Coats.—Establishments primarily engaged in manufacturing women's, misses', and juniors' suits, pantsuits, skirts, and coats, except furcoats and raincoats. These garments are generally tailored and usually lined. Establishments primarily engaged in manufacturing fur garments are classified in industry 2371, raincoats in industry 2385, and knitting mills primarily engaged in manufacturing knit outerwear in industry 2253.

2339 Women's, Misses', and Juniors' Outerwear, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing women's, misses', and juniors' outerwear, not elsewhere classified, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253.

234 WOMEN'S, MISSES', CHILDREN'S, AND INFANTS' UNDERGARMENTS

2341 Women's, Misses', Children's, and Infants' Underwear and Nightwear.—Establishments primarily engaged in manufacturing women's, misses', children's, and infants' underwear and nightwear, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing underwear and nightwear are classified in industry 2254.

2342 Brassieres, Girdles, and Allied Garments.—Establishments primarily engaged in manufacturing brassieres, girdles, corsets, corset accessories, and allied garments. Establishments primarily engaged in manufacturing surgical and orthopedic appliances are classified in industry 3842.

235 HATS, CAPS, AND MILLINERY

2351 Millinery.—Establishments primarily engaged in manufacturing women's, misses', children's, and infants' millinery. Establishments primarily engaged in manufacturing millinery braid and trimmings are classified in industry 2396.

2352 Hats and Caps, Except Millinery.—Establishments primarily engaged in manufacturing hats and caps (except millinery) and all hat bodies. Knitting mills primarily engaged in manufacturing caps are classified in industry 2253.

236 GIRLS', CHILDREN'S, AND INFANTS' OUTERWEAR

2361 Girls', Children's, and Infants' Dresses, Blouses, Waists, and Shirts.—Establishments primarily engaged in manufacturing girls', children's, and infants' dresses, blouses, waists, and shirts, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253.

2363 Girls', Children's, and Infants' Coats and Suits.—Establishments primarily engaged in manufacturing girls', children's, and infants' coats and suits, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253.

2369 Girls', Children's, and Infants' Outerwear, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing girls', children's, and infants' outerwear, not elsewhere classified, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253.

237 FUR GOODS

2371 Fur Goods.—Establishments primarily engaged in manufacturing furcoats, and other garments, accessories, and trimmings made of fur. Establishments primarily engaged in manufacturing sheep lined clothing are classified in industry 2386, and those engaged in dyeing and dressing of furs in industry 3999.

238 MISCELLANEOUS APPAREL AND ACCESSORIES

2381 Dress and Work Gloves, Except Knit and All-Leather.—Establishments primarily engaged in manufacturing dress, semidress, and work gloves and mittens, cut and sewed from purchased woven or knit fabric, or these materials combined with leather or plastic. Knitting mills primarily engaged in manufacturing gloves and mittens are classified in industry 2259, establishments primarily engaged in manufacturing leather gloves in industry 3151, those manufacturing rubber gloves in industry 3069, and plastic gloves in industry 3079.

2384 Robes and Dressing Gowns.—Establishments primarily engaged in manufacturing men's and women's robes and dressing gowns.

2385 Raincoats and Other Waterproof Outer Garments.—Establishments primarily engaged in manufacturing raincoats from purchased rubberized fabrics and other waterproof outer garments made from such material as pliofilm and cellophane. Establishments primarily engaged in manufacturing oiled fabric work garments are classified in industry 2328, and those manufacturing vulcanized rubber garments and garments made from rubberized fabrics produced in the same establishment are classified in industry 3069.

2386 Leather and Sheep Lined Clothing.—Establishments primarily engaged in manufacturing leather and sheep lined garments. Establishments primarily engaged in manufacturing leather gloves and mittens are classified in industry 3151, and fur garments in industry 2371.

2387 Apparel Belts.—Establishments primarily engaged in manufacturing men's and women's apparel belts, regardless of material.

2389 Apparel and Accessories, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing suspenders, garters, handkerchiefs, and other apparel, not elsewhere classified, such as academic caps and gowns, vestments, and theatrical costumes.

239 MISCELLANEOUS FABRICATED TEXTILE PRODUCTS

- 2391 Curtains and Draperies.**—Establishments primarily engaged in manufacturing curtains and draperies from purchased materials. Establishments primarily engaged in manufacturing lace curtains on lace machines are classified in industry 2292.
- 2392 Housefurnishings, Except Curtains and Draperies.**—Establishments primarily engaged in manufacturing housefurnishings, such as blankets, bedspreads, sheets, tablecloths, and towels from purchased materials. Establishments primarily engaged in manufacturing curtains and draperies are classified in industry 2391. Establishments producing housefurnishings primarily of fabric woven at the same establishment are classified according to fiber in industries 2211, 2221, or 2231.
- 2393 Textile Bags.**—Establishments primarily engaged in manufacturing shipping and other industrial bags from purchased fabric. Establishments primarily engaged in manufacturing plastic bags are classified in industry 2643; laundry, wardrobe, shoe, and other textile housefurnishing bags in industry 2392; and luggage in industry 3161.
- 2394 Canvas and Related Products.**—Establishments primarily engaged in manufacturing awnings, tents, and related products from purchased fabric. Establishments primarily engaged in manufacturing canvas bags are classified in industry 2393.
- 2395 Pleating, Decorative and Novelty Stitching, and Tucking for the Trade.**—Establishments primarily engaged in pleating, decorative and novelty stitching, and tucking for the trade. Establishments primarily engaged in performing similar services for individuals are classified in service industries. Establishments primarily engaged in manufacturing trimmings are classified in industry 2396.
- 2396 Automotive Trimmings, Apparel Findings, and Related Products.**—Establishments primarily engaged in manufacturing automotive trimmings and apparel findings and related products.
- 2397 Schiffli Machine Embroideries.**—Establishments primarily engaged in manufacturing Schiffli machine embroideries.
- 2399 Fabricated Textile Products, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing fabricated textile products, not elsewhere classified.

24 LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE

This major group includes logging camps engaged in cutting timber and pulpwood; merchant sawmills, lath mills, shingle mills, cooperage stock mills, planing mills, and plywood mills and veneer mills engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing finished articles made entirely or mainly of wood or wood substitutes. Certain types of establishments producing wood products are classified elsewhere. For example, furniture and office and store fixtures are classified in SIC Major Group 25; musical instruments, toys, playground equipment, and caskets in SIC Major Group 39. Woodworking, in connection with construction in the nature of reconditioning and repair or performed to individual order, is classified in non-manufacturing industries.

241 LOGGING CAMPS AND LOGGING CONTRACTORS

- 2411 Logging Camps and Logging Contractors.**—Logging camps and logging contractors primarily engaged in cutting timber and in producing rough, round, hewn, or riven primary forest or wood raw materials. Independent contractors engaged in estimating or trucking timber, but who perform no cutting operations, are classified in nonmanufacturing industries. Logging and woods operations conducted in combination with sawmills, pulpmills, or other converting establishments, and not separately reported, are classified in their respective industry groups; namely, with sawmills in SIC group 242, veneer and plywood mills in SIC group 243, pulpmills in SIC Major Group 26, and charcoal and wood distillation plants in SIC group 286. Establishments primarily engaged in the collection of bark, sap, gum, and other forest byproducts are classified in SIC Major Group 08.

242 SAWMILLS AND PLANING MILLS

- 2421 Sawmills and Planing Mills, General.**—Establishments primarily engaged in sawing rough lumber and timber from logs and bolts, or resawing cants and flitches into lumber, including box lumber and softwood cut stock; planing mills combined with sawmills; and separately operated planing mills which are engaged primarily in producing surfaced lumber and standard workings or patterns of lumber. This industry includes establishments primarily engaged in sawing lath and railroad ties and in producing tobacco hogshead stock, wood chips, and snow fence lath. Establishments primarily engaged in manufacturing box shook or boxes are classified in SIC group 244; sash, doors, wood molding, window and door frames, and other fabricated

millwork in SIC group 243; and hardwood dimension and flooring in industry 2426. Logging camps combined with sawmills, when not separately reported, are included in this industry.

2426 Hardwood Dimension and Flooring Mills.—Establishments primarily engaged in manufacturing hardwood dimension lumber and workings therefrom; other hardwood dimension, semifabricated or ready for assembly; hardwood flooring; and wood frames for household furniture. Establishments primarily engaged in manufacturing stairwork, molding, and trim are classified in industry 2431; and those manufacturing textile machinery bobbins, picker sticks, and shuttles in industry 3552.

2429 Special Product Sawmills, Not Elsewhere Classified.—Mills primarily engaged in manufacturing excelsior, wood shingles, and cooperage stock; and in sawing special products, not elsewhere classified.

243 MILLWORK, VENEER, PLYWOOD, AND STRUCTURAL WOOD MEMBERS

2431 Millwork.—Establishments primarily engaged in manufacturing fabricated millwork. Planing mills primarily engaged in producing millwork are included in this industry, but planing mills primarily producing standard workings or patterns of lumber are classified in industry 2421. Establishments primarily manufacturing wood kitchen cabinets and bathroom vanities are classified in industry 2434.

2434 Wood Kitchen Cabinets.—Establishments primarily engaged in manufacturing wood kitchen cabinets and wood bathroom vanities.

2435 Hardwood Veneer and Plywood.—Establishments primarily engaged in producing commercial hardwood veneer, either face or technical, and those primarily engaged in manufacturing commercial plywood or prefinished hardwood plywood. This includes nonwood backed or faced veneer and nonwood faced plywood from veneer produced in the same establishment or from purchased veneer. Establishments primarily engaged in the production of veneer which is used in the same establishment for the manufacture of end products, such as fruit and vegetable baskets and wood boxes, are classified in industries 2441 and 2449.

2436 Softwood Veneer and Plywood.—Establishments primarily engaged in producing commercial softwood veneer and plywood from veneer produced in the same establishment or from purchased veneer. Establishments primarily engaged in producing commercial hardwood veneer and plywood are classified in industry 2435. Establishments primarily

engaged in the production of veneer which is used in the same establishment for the manufacture of end products, such as fruit and vegetable baskets and wood boxes, are classified in industries 2441 and 2449.

2439 Structural Wood Members, Not Elsewhere Classified.—Establishments primarily engaged in producing laminated or fabricated trusses, arches, and other structural members of lumber. Establishments primarily engaged in fabrication on the site of construction are classified in Division C, Construction. Establishments primarily engaged in producing prefabricated wooden buildings, sections, and panels are classified in industry 2452.

244 WOOD CONTAINERS

2441 Nailed and Lock Corner Wood Boxes and Shook.—Establishments primarily engaged in manufacturing nailed and lock corner wood boxes (lumber or plywood) and those which also may produce shook for nailed and lock corner boxes.

2448 Wood Pallets and Skids.—Establishments primarily engaged in manufacturing wood and wood-metal combination pallets and skids.

2449 Wood Containers, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing wood containers, not elsewhere classified, such as cooperage, wirebound boxes and crates, and other veneer and plywood containers. Establishments primarily engaged in manufacturing tobacco hogshead stock are classified in industry 2421, and those manufacturing cooperage stock in industry 2429.

245 WOOD BUILDINGS AND MOBILE HOMES

2451 Mobile Homes.—Establishments primarily engaged in manufacturing mobile homes. These mobile homes are generally over 35 feet long, at least 8 feet wide, do not have facilities for storage of water or waste, and are equipped with wheels. These products may also have nonresidential uses, such as classrooms or offices. Trailers that are generally 35 feet long or less, 8 feet wide or less, and with self-contained facilities are classified in industry 3792. Portable buildings not equipped with wheels are classified in industry 2452.

2452 Prefabricated Wood Buildings and Components.—Establishments primarily engaged in manufacturing prefabricated wood buildings, sections, and panels. Establishments primarily engaged in fabricating buildings on the site of construction are classified in Division C, Construction.

249 MISCELLANEOUS WOOD PRODUCTS

2491 Wood Preserving.—Establishments primarily engaged in treating wood, sawed or planed in other establishments, with creosote or other preservatives to prevent decay and to protect against fire and insects. This industry also includes the cutting, treating, and selling of poles, posts, and piling, but establishments primarily engaged in manufacturing other wood products, which they may also treat with preservatives, are not included.

2492 Particleboard.—Establishments primarily engaged in manufacturing wood panel products from small wood particles. This includes preparation of small particles of wood, drying, mixing with a synthetic resin binder, and compressing. Pressing may take place in hydraulic presses with heated platens or by extrusion.

2499 Wood Products, Not Elsewhere Classified.—Establishments primarily engaged in turning and shaping wood and manufacturing miscellaneous wood products, not elsewhere classified, from rattan, reed, splint, straw, veneer, veneer strips, wicker, and willow. This industry also includes establishments manufacturing lasts and related products, cork products, hardboard, and wood or metal mirror and picture frames. Establishments primarily engaged in manufacturing particleboard are classified in industry 2492, and those manufacturing pallets and skids in industry 2448.

25 FURNITURE AND FIXTURES

This major group includes establishments engaged in manufacturing household, office, public building, and restaurant furniture; and office and store fixtures. Establishments primarily engaged in the production of millwork are classified in industry 2431; wood kitchen cabinets in industry 2434; cut stone and concrete furniture in SIC Major Group 32; laboratory and hospital furniture in SIC Major Group 38; beauty and barber shop furniture in SIC Major Group 39; and woodworking to individual order or in the nature of reconditioning and repair in nonmanufacturing industries.

251 HOUSEHOLD FURNITURE

2511 Wood Household Furniture, Except Upholstered.—Establishments primarily engaged in manufacturing wood household furniture commonly used in dwellings. This industry also includes establishments manufacturing camp furniture. Establishments

primarily engaged in manufacturing upholstered furniture are classified in industry 2512; reed and rattan furniture in industry 2519; television, radio, phonograph, and sewing machine cabinets in industry 2517; and kitchen cabinets and bathroom vanities in industry 2434.

2512 Wood Household Furniture, Upholstered.—Establishments primarily engaged in manufacturing upholstered furniture on wood frames. Shops primarily engaged in reupholstering furniture, or upholstering frames to individual order, are classified in non-manufacturing industries. Establishments primarily engaged in manufacturing dual-purpose sleep furniture, such as studio couches, sofa beds, and chair beds, are classified in industry 2515, regardless of the material used in the frame. Establishments primarily engaged in manufacturing wood frames for upholstered furniture are classified in industry 2426.

2514 Metal Household Furniture.—Establishments primarily engaged in manufacturing padded or plain metal household furniture of a type commonly used in dwellings. Establishments primarily engaged in manufacturing dual-purpose sleep furniture, such as studio couches, sofa beds, and chair beds, are classified in industry 2515, regardless of the material used in the frame.

2515 Mattresses and Bedsprings.—Establishments primarily engaged in manufacturing innerspring mattresses, box spring mattresses, and noninnerspring mattresses containing felt, form rubber, urethane, hair, or any other filling material; and assembled wire springs (fabric, coil, or box) for use on beds, couches, and cots. This industry also includes establishments primarily engaged in manufacturing dual-purpose sleep furniture, such as studio couches, sofa beds, and chair beds, regardless of the material used in the frame. Establishments primarily engaged in manufacturing automobile seats and backs are classified in industry 2531; individual wire springs in industry 3495; and padding and upholstery filling in industry 2293.

2517 Wood Television, Radio, Phonograph, and Sewing Machine Cabinets.—Establishments primarily engaged in manufacturing wood cabinets for radios, television sets, phonographs, and sewing machines.

2519 Household Furniture, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing reed, rattan, and other wicker furniture, plastics and fiberglass household furniture and cabinets, and household furniture, not elsewhere classified.

252 OFFICE FURNITURE

2521 Wood Office Furniture.—Establishments primarily engaged in manufacturing wood office furniture, whether padded, upholstered, or plain.

2522 Metal Office Furniture.—Establishments primarily engaged in manufacturing metal office furniture, whether padded or plain. Establishments primarily engaged in manufacturing safes and vaults are classified in industry 3499.

253 PUBLIC BUILDING AND RELATED FURNITURE

2531 Public Building and Related Furniture.—Establishments primarily engaged in manufacturing furniture for schools, theaters, assembly halls, churches, and libraries. Establishments primarily engaged in manufacturing seats for public conveyances, as well as seats for automobiles and aircraft, are included in this industry. Establishments primarily engaged in manufacturing stone furniture are classified in industry 3281, and concrete furniture in industry 3272.

254 PARTITIONS, SHELVING, LOCKERS, AND OFFICE AND STORE FIXTURES

2541 Wood Partitions, Shelving, Lockers, and Office and Store Fixtures.—Establishments primarily engaged in manufacturing wood shelving, lockers, office and store fixtures, prefabricated partitions, plastic laminated fixture tops, and related fabricated products. Establishments primarily engaged in manufacturing refrigerated cabinets, show cases, and display cases are classified in industry 3585, and safes and vaults in industry 3499.

2542 Metal Partitions, Shelving, Lockers, and Office and Store Fixtures.—Establishments primarily engaged in manufacturing metal shelving, storage racks, lockers, office and store fixtures, prefabricated partitions, and related fabricated products. Establishments primarily engaged in manufacturing refrigerated cabinets, show cases, and display cases are classified in industry 3585, and safes and vaults in industry 3499.

259 MISCELLANEOUS FURNITURE AND FIXTURES

2591 Drapery Hardware and Window Blinds and Shades.—Establishments primarily engaged in manufacturing curtain and drapery rods, poles, and fixtures; and venetian blinds and other window blinds and shades, regardless of the materials used, except canvas shades and awnings (industry 2394).

2599 Furniture and Fixtures, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing furniture and fixtures, not elsewhere classified, including furniture specially designed for use in restaurants, bars, cafeterias, bowling establishments, and ships.

26 PAPER AND ALLIED PRODUCTS

This major group includes the manufacture of pulps from wood and other cellulose fibers, and from rags; the manufacture of paper and paperboard; and the manufacture of paper and paperboard into converted products, such as paper coated off the paper machine, paper bags, paper boxes and envelopes. Certain types of converted paper products are classified elsewhere, such as abrasive paper in industry 3291, carbon paper in industry 3955, and photosensitized and blueprint paper in industry 3861.

261 PULP MILLS

2611 Pulp Mills.—Establishments primarily engaged in manufacturing pulp from wood or from other materials, such as rags, linters, wastepaper, and straw. Logging camps operated by pulpmills, and not separately reported, are also included in this industry. Establishments primarily engaged in cutting pulpwood are classified in industry 2411; and pulpmills combined with papermills or paperboard mills, and not separately reported, are classified with the latter in industries 2621 and 2631, respectively.

262 PAPER MILLS, EXCEPT BUILDING PAPER MILLS

2621 Paper Mills, Except Building Paper Mills.—Establishments primarily engaged in manufacturing paper (except building paper—industry 2661) from woodpulp and other fibers, and which may also manufacture converted paper products. Pulpmills combined with papermills, and not separately reported, are also included in this industry; where separately reported, they are classified in industry 2611. Establishments primarily engaged in manufacturing converted paper products from purchased paper stock are classified in SIC groups 264 or 265.

263 PAPERBOARD MILLS

2631 Paperboard Mills.—Establishments primarily engaged in manufacturing paperboard, including paperboard coated on the paperboard machine, from wood pulp and other fibers; and which may also manufacture converted paperboard products. Pulp mills combined with paperboard mills, and not separately reported, are also included in this industry; where separately

reported, they are classified in industry 2611. Establishments primarily engaged in manufacturing converted paperboard products from purchased paperboard are classified in SIC groups 264 or 265, and building board in industry 2661.

264 CONVERTED PAPER AND PAPERBOARD PRODUCTS, EXCEPT CONTAINERS AND BOXES

2641 Paper Coating and Glazing.—Establishments primarily engaged in manufacturing coated, glazed, or varnished paper from purchased paper. Also included are establishments primarily manufacturing pressure sensitive tape with backing of any material other than rubber. Establishments primarily engaged in manufacturing carbon paper are classified in industry 3955, and photographic and blueprint paper in industry 3861.

2642 Envelopes.—Establishments primarily engaged in manufacturing envelopes of any description from purchased paper and paperboard. Establishments primarily engaged in manufacturing papeteries (boxed stationery) are classified in industry 2648.

2643 Bags, Except Textile Bags.—Establishments primarily engaged in manufacturing bags from purchased paper, cellophane, acetate, polyethylene, polypropylene, pliofilm, foil, and similar sheet or film materials.

2645 Die-Cut Paper and Paperboard and Cardboard.—Establishments primarily engaged in diecutting purchased paper and paperboard; and in manufacturing cardboard by laminating, lining, or surface coating paperboard. Establishments primarily engaged in laminating building paper or building board from purchased paper or board are classified in industry 2649.

2646 Pressed and Molded Pulp Goods.—Establishments primarily engaged in manufacturing all kinds of pressed and molded pulp goods, including papier-mache articles other than statuary and art goods (industry 3299). Establishments primarily engaged in manufacturing plates and utensils from paper are classified in industry 2654.

2647 Sanitary Paper Products.—Establishments primarily engaged in manufacturing, from purchased paper, sanitary paper products, such as facial tissues and handkerchiefs, table napkins, toilet paper, towels, disposable diapers, and sanitary napkins and tampons.

2648 Stationery, Tablets and Related Products.—Establishments primarily engaged in manufacturing stationery, tablets, looseleaf fillers, and related items from

purchased paper. Establishments primarily engaged in manufacturing envelopes are classified in industry 2642.

2649 Converted Paper and Paperboard Products, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing from purchased paper or paperboard miscellaneous converted paper or paperboard products, not elsewhere classified. Establishments primarily engaged in manufacturing sanitary paper products from purchased paper are classified in industry 2647. The paper stock used for wallpaper, called "hanging paper," is classified in industry 2621. Establishments primarily engaged in manufacturing stationery, tablets, and related products are classified in industry 2648.

265 PAPERBOARD CONTAINERS AND BOXES

2651 Folding Paperboard Boxes.—Establishments primarily engaged in manufacturing folding paperboard boxes from purchased paperboard.

2652 Set-up Paperboard Boxes.—Establishments primarily engaged in manufacturing set-up paperboard boxes from purchased paperboard.

2653 Corrugated and Solid Fiber Boxes.—Establishments primarily engaged in manufacturing corrugated and solid fiber boxes and related products from purchased paperboard of fiber stock. Important products of this industry include corrugated and solid fiberboard boxes, pads, partitions, display items, pallets, single-face products, and corrugated sheets.

2654 Sanitary Food Containers.—Establishments primarily engaged in manufacturing food containers from special food board. Important products of this industry include fluid milk containers; folding par-affined cartons for butter, margarine, and shortening; ice cream containers; frozen food containers; liquid tight containers; round nested food containers; paper cups for hot or cold drinks; pails for food and ice cream; and stamped plates, dishes, spoons, and similar products. Establishments primarily engaged in manufacturing similar items of plastics materials are classified in industry 3079.

2655 Fiber Cans, Tubes, Drums, and Similar Products.—Establishments primarily engaged in manufacturing from purchased materials fiber cans, cones, drums, similar products with or without metal ends, and vulcanized fiber boxes.

266 BUILDING PAPER AND BUILDING BOARD MILLS

2661 Building Paper and Building Board Mills.—Establishments primarily engaged in manufacturing building

paper and building board from woodpulp and other fibrous materials. Pulp mills combined with building paper and building board mills, and not separately reported, are also included in this industry; where separately reported, they are classified in industry 2611.

27 PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

This major group includes establishments engaged in printing by one or more of the common processes, such as letterpress, lithography, gravure, or screen; and those establishments which perform services for the printing trade, such as bookbinding, typesetting, engraving, photoengraving, and electrotyping. This major group also includes establishments engaged in publishing newspapers, books, and periodicals, regardless of whether or not they do their own printing. News syndicates are classified in service industries (industry 7351) and textile printing and finishing in SIC Major Group 22.

271 NEWSPAPERS: PUBLISHING, PUBLISHING AND PRINTING

- 2711 Newspapers: Publishing, Publishing and Printing.**—Establishments primarily engaged in publishing newspapers or in publishing and printing newspapers. These establishments carry on the various operations necessary for issuing newspapers, including the gathering of news and the preparation of editorials and advertisements, but may or may not perform their own printing. Commercial printing is frequently carried on by establishments engaged in publishing and printing newspapers, but, even though the commercial printing may be of major importance, such establishments are included in this industry. Establishments not engaged in publishing newspapers, but which print or lithograph newspapers for publishers, are classified in SIC group 275. News syndicates are classified in service industries (industry 7351).

272 PERIODICALS: PUBLISHING, PUBLISHING AND PRINTING

- 2721 Periodicals: Publishing, Publishing and Printing.**—Establishments primarily engaged in publishing periodicals or in preparing, publishing, and printing periodicals. These establishments carry on the various operations necessary for issuing periodicals, but may or may not perform their own printing. Establishments not engaged in publishing periodicals, but which print or lithograph periodicals for publishers, are classified in SIC group 275.

273 BOOKS

- 2731 Books: Publishing, Publishing and Printing.**—Establishments primarily engaged in publishing only, or in publishing and printing books and pamphlets. Establishments primarily engaged in printing or in printing and binding (but not publishing) books and pamphlets are classified in industry 2732.
- 2732 Book Printing.**—Establishments primarily engaged in printing only or in printing and binding books and pamphlets, but not engaged in publishing. Establishments primarily engaged in publishing, or in publishing and printing books and pamphlets, are classified in industry 2731. Establishments engaged in both printing and binding books, but primarily binding books printed elsewhere, are classified in industry 2789.

274 MISCELLANEOUS PUBLISHING

- 2741 Miscellaneous Publishing.**—Establishments primarily engaged in miscellaneous publishing activities, not elsewhere classified, whether or not engaged in printing. Establishments primarily engaged in offering financial, credit, or other business services, and which may publish directories as part of this service, are not included in this industry but are classified in service industries.

275 COMMERCIAL PRINTING

- 2751 Commercial Printing, Letterpress and Screen.**—Establishments primarily engaged in letterpress and screen commercial or job printing, including flexographic. This industry includes general printing shops, as well as shops specializing in printing newspapers and periodicals for others, and those which specialize in screen printing. Establishments primarily engaged in printing books, without publishing, are classified in industry 2732, and greeting cards in industry 2771. Establishments primarily engaged in printing from lithographic plates are classified in industry 2752, and gravure and rotogravure printing in industry 2754.
- 2752 Commercial Printing, Lithographic.**—Establishments primarily engaged in printing by the lithographic process. The greater part of the work in this industry is performed on a job or custom basis; but, in some cases, lithographed calendars, maps, posters, decalcomanias, etc., are made for sale. Offset printing, photo-offset printing, and photolithographing are also included in this industry. Establishments primarily engaged in lithographing books and pamphlets, without publishing, are classified in industry 2732, and greeting cards in industry 2771. Establishments primarily engaged in preparing lithographic

plates and in related services are classified in industry 2795.

2753 Engraving and Plate Printing.—Establishments primarily engaged in engraving and etching steel, copper, wood, or rubber plates; in using these plates to print stationery, visiting and other cards, invitations, maps, etc.; and in making woodcuts for use in printing illustrations, posters, etc. Engraving for purposes other than printing is classified in industry 3479.

2754 Commercial Printing, Gravure.—Establishments primarily engaged in gravure printing.

276 MANIFOLD BUSINESS FORMS

2761 Manifold Business Forms.—Establishments primarily engaged in designing and printing, by any process, special forms for use in the operation of a business, in single and multiple sets, including carbonized or interleaved with carbon or otherwise processed for multiple reproduction.

277 GREETING CARD PUBLISHING

2771 Greeting Card Publishing.—Establishments primarily engaged in the designing, publishing, and printing by any process of greeting cards for all occasions.

278 BLANKBOOKS, LOOSELEAF BINDERS, AND BOOKBINDING AND RELATED WORK

2782 Blankbooks, Looseleaf Binders and Devices.—Establishments primarily engaged in manufacturing blankbooks, looseleaf devices, and library binders; and in ruling paper.

2789 Bookbinding and Related Work.—Establishments primarily engaged in edition, trade, job, and library bookbinding; in book or paper bronzing, gilding, and edging; in map and sample mounting; and other services related to bookbinding. Establishments primarily binding books printed elsewhere are classified in this industry, but those primarily binding books printed in the same establishment are classified in SIC group 273.

279 SERVICE INDUSTRIES FOR THE PRINTING TRADE

2791 Typesetting.—Establishments primarily engaged in typesetting for the trade, including advertisement typesetting.

MANUFACTURES—SUBJECT SERIES

2793 and 2794 Photoengraving and Electrotyping and Stereotyping.—Establishments primarily engaged in preparing photoengraved (halftones and linecuts), electrotype, and stereotype plates. These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.

It was necessary to combine data for industries 2793 and 2794 for publication to avoid disclosing data for individual companies.

2795 Lithographic Platemaking and Related Services.—Establishments primarily engaged in making lithographic plates and positives or negatives from which lithographic plates are made, and in related services. Establishments primarily engaged in printing by the lithographic process are classified in industry 2752.

28 CHEMICALS AND ALLIED PRODUCTS

This major group includes establishments producing basic chemicals and establishments manufacturing products by predominantly chemical processes. Establishments classified in this major group manufacture three general classes of products: (1) Basic chemicals, such as acids, alkalies, salts, and organic chemicals; (2) chemical products to be used in further manufacture, such as synthetic fibers, plastics materials, dry colors, and pigments; (3) finished chemical products to be used for ultimate consumption, such as drugs, cosmetics, and soaps; or to be used as materials or supplies in other industries, such as paints, fertilizers, and explosives. The mining of natural rock salt is classified in mining industries. Establishments primarily engaged in manufacturing nonferrous metals and high-percentage ferroalloys are classified in SIC Major Group 33; silicon carbide in SIC Major Group 32; baking powder, other leavening compounds, and starches in SIC Major Group 20; and artists' colors in SIC Major Group 39. Establishments primarily engaged in packaging, repackaging, and bottling of purchased chemical products, but not engaged in manufacturing chemicals and allied products, are classified in trade industries.

281 INDUSTRIAL INORGANIC CHEMICALS

This group includes establishments primarily engaged in manufacturing basic industrial inorganic chemicals. Establishments primarily engaged in manufacturing formulated agricultural pesticides are classified in industry 2879; medicinal chemicals, drugs, and medicines in industry 2833; and soap and cosmetics in SIC group 284.

2812 Alkalies and Chlorine.—Establishments primarily engaged in manufacturing alkalies and chlorine.

2813 Industrial Gases.—Establishments primarily engaged in manufacturing gases for sale in compressed, liquid, and solid forms. Establishments primarily engaged in manufacturing fluorine and sulfur dioxide are classified in industry 2819; household

ammonia in industry 2842, and other ammonia in industry 2873; and chlorine in industry 2812. Distributors of industrial gases and establishments primarily engaged in shipping liquid oxygen are classified in trade.

2816 Inorganic Pigments.—Establishments primarily engaged in manufacturing inorganic pigments. Important products of this industry include black pigments (except carbon black, industry 2895), white pigments, and color pigments. Organic color pigments, except animal black and bone black, are classified in industry 2865.

2819 Industrial Inorganic Chemicals, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing industrial inorganic chemicals, not elsewhere classified. Important products of this industry include inorganic salts of sodium (excluding refined sodium chloride), potassium, aluminum, calcium, chromium, magnesium, mercury, nickel, silver, tin; inorganic compounds, such as alums, calcium carbide, hydrogen peroxide, sodium silicate, ammonia compounds (except fertilizers), rare earth metal salts and elemental bromine, fluorine, iodine, phosphorus, and alkali metals (sodium, potassium, lithium, etc.). Establishments primarily engaged in mining, milling, or otherwise preparing natural potassium, sodium, or boron compounds (other than common salt) are classified in industry 1474. Establishments primarily engaged in manufacturing household bleaches are classified in industry 2842; phosphoric acid in industry 2874; and nitric acid, anhydrous ammonia, and other nitrogenous fertilizer materials in industry 2873.

282 PLASTICS MATERIALS AND SYNTHETIC RESINS, SYNTHETIC RUBBER, SYNTHETIC AND OTHER MANMADE FIBERS, EXCEPT GLASS

This group includes chemical establishments primarily engaged in manufacturing plastics materials and synthetic resins, synthetic rubbers, and cellulosic and manmade organic fibers. Establishments primarily engaged in the manufacture of rubber products and those primarily engaged in the compounding of purchased resins or the fabrication of plastics sheets, rods, and miscellaneous plastics products are classified in SIC Major Group 30; and textile mills primarily engaged in throwing, spinning, weaving, or knitting textile products from manufactured fibers are classified in SIC Major Group 22.

2821 Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers.—Establishments primarily engaged in manufacturing synthetic resins, plastics materials, and nonvulcanizable elastomers. Important products of this industry include: Cellulose plastic materials; phenolic and other tar acid resins;

urea and melamine resins; vinyl resins; styrene resins; alkyd resins; acrylic resins; polyethylene resins; polypropylene resins; rosin modified resins; coumarone-indene and petroleum polymer resins; and miscellaneous resins, including polyamide resins, silicones, polyisobutylenes, polyesters, polycarbonate resins, acetal resins, fluorohydrocarbon resins; and casein plastics. Establishments primarily engaged in manufacturing fabricated plastics products or plastics film, sheet, rod, nontextile monofilaments and regenerated cellulose products, and vulcanized fiber are classified in industry 3079, whether from purchased resins or from resins produced in the same plant. Establishments primarily engaged in compounding purchased resins are also classified in industry 3079. Establishments primarily manufacturing adhesives are classified in industry 2891.

2822 Synthetic Rubber (Vulcanizable Elastomers).—Establishments primarily engaged in manufacturing synthetic rubber by polymerization or copolymerization. An elastomer for the purpose of this classification is a rubber-like material capable of vulcanization, such as copolymers of butadiene and styrene, or butadiene and acrylonitrile, polybutadienes, chloroprene rubbers, and isobutylene-isoprene copolymers. Butadiene copolymers containing less than 50% butadiene are classified in industry 2821. Natural chlorinated rubbers and cyclized rubbers are considered as semifinished products and are classified in industry 3069.

2823 Cellulosic Manmade Fibers.—Establishments primarily engaged in manufacturing cellulosic fibers (including cellulose acetate and regenerated cellulose, such as rayon by the viscose or cuprammonium process) in the form of monofilament, yarn, staple, or tow suitable for further manufacturing on spindles, looms, knitting machines, or other textile processing equipment. Establishments primarily engaged in manufacturing textile glass fibers are classified in industry 3229.

2824 Synthetic Organic Fibers, Except Cellulosic.—Establishments primarily engaged in manufacturing synthetic organic fibers, except cellulosic (including those of regenerated proteins, and of polymers or copolymers of such components as vinyl chloride, vinylidene chloride, linear esters, vinyl alcohols, acrylonitrile, ethylenes, amides, and related polymeric materials) in the form of monofilament, yarn, staple, or tow suitable for further manufacturing on spindles, looms, knitting machines, or other textile processing equipment. Establishments primarily engaged in manufacturing textile glass fibers are classified in industry 3229.

283 DRUGS

This group includes establishments primarily engaged in manufacturing, fabricating, or processing medicinal chemicals and pharmaceutical products. Also included in this group are establishments primarily engaged in the grading, grinding, and milling of botanicals.

2831 Biological Products.—Establishments primarily engaged in the production of bacterial and virus vaccine, toxoids and analogous products (such as allergenic extracts), serums, plasmas, and other blood derivatives for human or veterinary use.

2833 Medicinal Chemicals and Botanical Products.—Establishments primarily engaged in (1) manufacturing bulk organic and inorganic medicinal chemicals and their derivatives; and (2) processing (grading, grinding, and milling) bulk botanical drugs and herbs. Establishments primarily engaged in manufacturing agar-agar and similar products of natural origin, endocrine products, manufacturing or isolating basic vitamins, and isolating active medicinal principals, such as alkaloids from botanical drugs and herbs, are also included in this industry.

2834 Pharmaceutical Preparations.—Establishments primarily engaged in manufacturing, fabricating, or processing drugs in pharmaceutical preparations for human or veterinary use. The greater part of the products of these establishments are finished in the form intended for final consumption, such as ampoules, tablets, capsules, vials, ointments, medicinal powders, solutions, and suspensions. Products of this industry consist of two important lines, namely: (1) Pharmaceutical preparations promoted primarily to the dental, medical, or veterinary professions; and (2) pharmaceutical preparations promoted primarily to the public.

284 SOAP, DETERGENTS, AND CLEANING PREPARATIONS, PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS

This group includes establishments primarily engaged in manufacturing soap and other detergents and in producing glycerin from vegetable and animal fats and oils; specialty cleaning, polishing, and sanitation preparations; and surface active preparations used as emulsifiers, wetting agents, and finishing agents, including sulfonated oils; and perfumes, cosmetics, and other toilet preparations.

2841 Soap and Other Detergents, Except Specialty Cleaners.—Establishments primarily engaged in manufacturing soap, synthetic organic detergents,

inorganic alkaline detergents, or any combination thereof, and establishments producing crude and refined glycerin from vegetable and animal fats and oils. Establishments primarily engaged in manufacturing shampoos or shaving products, whether from soap or synthetic detergents, are classified in industry 2844; and synthetic glycerin in industry 2869.

2842 Specialty Cleaning, Polishing, and Sanitation Preparations.—Establishments primarily engaged in manufacturing furniture, metal, and other polishes; waxes and dressings for fabricated leather and other materials; household, institutional and industrial plant disinfectants, deodorants; dry cleaning preparations; household bleaches; and other sanitation preparations. Establishments primarily manufacturing household pesticidal preparations are classified in industry 2879.

2843 Surface Active Agents, Finishing Agents, Sulfonated Oils and Assistants.—Establishments primarily engaged in producing surface active preparations for use as wetting agents, emulsifiers, and penetrants. Establishments engaged in producing sulfonated oils and fats and related products are also included.

2844 Perfumes, Cosmetics, and Other Toilet Preparations.—Establishments primarily engaged in manufacturing perfumes (natural and synthetic), cosmetics, and other toilet preparations. This industry also includes establishments primarily engaged in blending and compounding perfume bases; and those manufacturing shampoos and shaving products, whether from soap or synthetic detergents. Establishments primarily engaged in manufacturing synthetic perfume and flavoring materials are classified in industry 2869, and essential oils in industry 2899.

285 PAINTS, VARNISHES, LACQUERS, ENAMELS, AND ALLIED PRODUCTS

2851 Paints, Varnishes, Lacquers, Enamels, and Allied Products.—Establishments primarily engaged in manufacturing paints (in paste and ready-mixed form); varnishes; lacquers; enamels and shellac; putties, wood fillers and sealers; paint and varnish removers; and paint brush cleaners and allied paint products. Establishments primarily engaged in manufacturing carbon black are classified in industry 2895; boneblack, lampblack, and inorganic color pigments in industry 2816; organic color pigments in industry 2865; plastics materials in industry 2821; printing ink in industry 2893; calking compounds and sealants in industry 2891; and artists' paints in industry 3952.

Establishments primarily engaged in manufacturing industrial organic chemicals. Important products of this group include: (1) Noncyclic organic chemicals, such as acetic, chloroacetic, adipic, formic, oxalic and tartaric acids and their metallic salts; chloral, formaldehyde, and methylamine; (2) solvents, such as amyl, butyl, and ethyl alcohols; methanol; amyl, butyl and ethyl acetates; ethyl ether, ethylene glycol ether and diethylene glycol ether; acetone, carbon disulfide, and chlorinated solvents, such as carbon tetrachloride, perchloroethylene and trichloroethylene; (3) polyhydric alcohols, such as ethylene glycol, sorbitol, pentaerythritol, synthetic glycerin; (4) synthetic perfume and flavoring materials, such as coumarin, methyl salicylate, saccharin, citral, citronellal, synthetic geraniol, ionone, terpeneol, and synthetic vanillin; (5) rubber processing chemicals, such as accelerators and antioxidants, both cyclic and acyclic; (6) plasticizers, both cyclic and acyclic, such as esters of phosphoric acid, phthalic anhydride, adipic acid, lauric acid, oleic acid, sebacic acid, and stearic acid; (7) synthetic tanning agents, such as naphthalene sulfonic acid condensates, (8) chemical warfare gases; (9) esters, amines, etc., of polyhydric alcohols and fatty and other acids; (10) cyclic crudes and intermediates; (11) cyclic dyes and organic pigments; and (12) natural gum and wood chemicals. Establishments primarily engaged in manufacturing plastics materials and nonvulcanizable elastomers are classified in industry 2821; synthetic rubber in industry 2822; essential oils in industry 2899; rayon and other synthetic fibers in industries 2823 and 2824; specialty cleaning, polishing, and sanitation preparations in industry 2842; paints in industry 2851; and inorganic pigments in industry 2816. Distilleries engaged in the manufacture of grain alcohol for beverage purposes are classified in industry 2085.

2861 Gum and Wood Chemicals.—Establishments primarily engaged in manufacturing hardwood and softwood distillation products, wood and gum naval stores, charcoal, natural dyestuffs, and natural tanning materials. Establishments primarily engaged in manufacturing synthetic tanning materials and synthetic organic chemicals are classified in industry 2869, and synthetic organic dyes in industry 2865.

2865 Cyclic (Coal Tar) Crudes, and Cyclic Intermediates, Dyes, and Organic Pigments (Lakes and Toners).—Establishments primarily engaged in manufacturing coal tar crudes and cyclic organic intermediates, dyes, color lakes, and toners. Important products of this industry include: (1) Derivatives of benzene, toluene, naphthalene, anthracene, pyridine, carbazole, and other cyclic chemical products; (2) synthetic organic dyes; (3) synthetic organic pigments; and (4) cyclic (coal tar) crudes, such as light oils and light oil products; coal tar acids; and products of

medium and heavy oil, such as creosote oil, naphthalene, anthracene, and their higher homologues, and tar. Establishments primarily engaged in manufacturing coal tar crudes in chemical recovery ovens are classified in industry 3312, and petroleum refineries which produce such products in industry 2911.

2869 Industrial Organic Chemicals, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing industrial organic chemicals, not elsewhere classified. Important products of this industry include: (1) Noncyclic organic chemicals, such as acetic, chloroacetic, adipic, formic, oxalic and tartaric acids and their metallic salts; chloral, formaldehyde and methylamine; (2) solvents, such as amyl, butyl, and ethyl alcohols; methanol; amyl, butyl and ethyl acetates; ethyl ether, ethylene glycol ether and diethylene glycol ether; acetone, carbon disulfide and chlorinated solvents, such as carbon tetrachloride, perchloroethylene and trichloroethylene; (3) polyhydric alcohols, such as ethylene glycol, sorbitol, pentaerythritol, synthetic glycerin; (4) synthetic perfume and flavoring materials, such as coumarin, methyl salicylate, saccharin, citral, citronellal, synthetic geraniol, ionone, terpeneol, and synthetic vanillin; (5) rubber processing chemicals, such as accelerators and antioxidants, both cyclic and acyclic; (6) plasticizers, both cyclic and acyclic, such as esters of phosphoric acid, phthalic anhydride, adipic acid, lauric acid, oleic acid, sebacic acid, and stearic acid, (7) synthetic tanning agents, such as naphthalene sulfonic acid condensates; (8) chemical warfare gases; and (9) esters, amines, etc., of polyhydric alcohols and fatty and other acids. Establishments primarily engaged in manufacturing plastics materials and nonvulcanizable elastomers are classified in industry 2821; synthetic rubber in industry 2822; essential oils in industry 2899; wood distillation products, naval stores, and natural dyeing and tanning materials in industry 2861; rayon and other synthetic fibers in industries 2823 and 2824; specialty cleaning, polishing, and sanitation preparations in industry 2842; paints in industry 2851; urea in industry 2873; organic pigments in industry 2865; and inorganic pigments in industry 2816. Distilleries engaged in the manufacture of grain alcohol for beverage purposes are classified in industry 2085.

287 AGRICULTURAL CHEMICALS

This group includes establishments primarily engaged in manufacturing nitrogenous and phosphatic basic fertilizers, mixed fertilizers, pesticides, and other agricultural chemicals. Establishments primarily engaged in manufacturing basic chemicals which require further processing or formulation before use as agricultural pest-control agents are classified in SIC group 281 or 286.

2873 Nitrogenous Fertilizers.—Establishments primarily engaged in manufacturing nitrogenous fertilizer materials or mixed fertilizers from nitrogenous materials produced in the same establishment. Included are ammonia fertilizer compounds and anhydrous ammonia, nitric acid, ammonium nitrate, ammonium sulfate and nitrogen solutions, urea, and natural organic fertilizers (except compost) and mixtures.

2874 Phosphatic Fertilizers.—Establishments primarily engaged in manufacturing phosphatic fertilizer materials or mixed fertilizers from phosphatic materials produced in the same establishment. Included are phosphoric acid; normal, enriched, and concentrated superphosphates; ammonium phosphates; nitrophosphates; and calcium metaphosphates.

2875 Fertilizers, Mixing Only.—Establishments primarily engaged in mixing fertilizers from purchased fertilizer materials.

2879 Pesticides and Agricultural Chemicals, Not Elsewhere Classified.—Establishments primarily engaged in the formulation and preparation of ready-to-use agricultural and household pest-control chemicals, including insecticides, fungicides, and herbicides from technical chemicals or concentrates; and the production of concentrates which require further processing before use as agricultural pesticides. This industry also includes establishments primarily engaged in manufacturing or formulating agricultural chemicals, not elsewhere classified, such as minor or trace elements and soil conditioners. Establishments primarily engaged in manufacturing basic or technical agricultural pest-control chemicals, including insecticides, fungicides, and herbicides, such as lead and calcium arsenates, and copper sulfate are classified in SIC group 281, and DDT, BHC, 2,4-D carbamates, etc., in SIC group 286. Establishments primarily engaged in manufacturing agricultural lime products are classified in SIC Major Group 32.

289 MISCELLANEOUS CHEMICAL PRODUCTS

2891 Adhesives and Sealants.—Establishments primarily engaged in manufacturing industrial and household adhesives, glues, calking compounds, sealants, and linoleum, tile, and rubber cements from vegetable, animal, or synthetic plastics materials, purchased or produced in the same establishment. Establishments primarily engaged in manufacturing gelatin and sizes are classified in industry 2899, and vegetable gelatin or agar-agar in industry 2833.

2892 Explosives.—Establishments primarily engaged in manufacturing explosives. Establishments primarily

engaged in manufacturing ammunition for small arms are classified in industry 3482, and fireworks in industry 2899.

2893 Printing Ink.—Establishments primarily engaged in manufacturing printing ink, gravure ink, screen process ink, and lithographic ink.

2895 Carbon Black.—Establishments primarily engaged in manufacturing carbon black (channel and furnace black).

2899 Chemicals and Chemical Preparations, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing miscellaneous chemical preparations, not elsewhere classified, such as fatty acids, essential oils, gelatin (except vegetable), sizes, bluing, laundry soaps, writing and stamp pad inks; industrial compounds, such as boiler and heat insulating compounds, metal, oil and water treating compounds, and waterproofing compounds and chemical supplies for foundries. Establishments primarily engaged in manufacturing vegetable gelatin (agar-agar) are classified in industry 2833; and dessert preparations based on gelatin in industry 2099.

29

PETROLEUM REFINING AND RELATED INDUSTRIES

This major group includes establishments primarily engaged in petroleum refining, manufacturing paving and roofing materials, and compounding lubricating oils and greases from purchased materials. Establishments manufacturing and distributing gas to consumers are classified in public utilities industries, and those primarily engaged in producing coke and byproducts in SIC Major Group 33.

291 PETROLEUM REFINING

2911 Petroleum Refining.—Establishments primarily engaged in producing gasoline, kerosene, distillate fuel oils, residual fuel oils, lubricants, and other products from crude petroleum and its fractionation products, through straight distillation of crude oil, redistillation of unfinished petroleum derivatives, cracking, or other processes. Establishments primarily engaged in producing natural gasoline from natural gas are classified in mining industries. Those manufacturing lubricating oils and greases by blending and compounding purchased materials are included in industry 2992. Establishments primarily re-refining used lubricating oils are classified in industry 2992.

295 PAVING AND ROOFING MATERIALS

2951 Paving Mixtures and Blocks.—Establishments primarily engaged in manufacturing asphalt and tar paving mixtures; and paving blocks made of asphalt, creosoted wood, and various compositions of asphalt or tar with other materials. Establishments primarily engaged in manufacturing brick, concrete, granite, and stone paving blocks are classified in SIC Major Group 32.

2952 Asphalt Felts and Coatings.—Establishments primarily engaged in manufacturing asphalt and other saturated felts in roll or shingle form, either smooth or faced with grit, and in manufacturing roofing cements and coatings. Establishments primarily engaged in manufacturing paint are classified in industry 2851, and linoleum and tile cement in industry 2891.

299 MISCELLANEOUS PRODUCTS OF PETROLEUM AND COAL

2992 Lubricating Oils and Greases.—Establishments primarily engaged in blending, compounding, and re-refining lubricating oils and greases from purchased mineral, animal, and vegetable materials. Petroleum refineries engaged in the production of lubricating oils and greases are classified in industry 2911.

2999 Products of Petroleum and Coal, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing fuel briquettes, boulets, packaged fuel, powdered fuel, and other products of petroleum and coal, not elsewhere classified.

30 RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS

This major group includes establishments manufacturing from natural, synthetic, or reclaimed rubber, gutta percha, balata, or gutta siak, rubber products, such as tires, rubber footwear, mechanical rubber goods, heels and soles, flooring, and rubber sundries. This group also includes establishments primarily manufacturing tires, but establishments primarily recapping and retreading automobile tires are classified in industry 7534. This group also includes establishments engaged in molding primary plastics for the trade and manufacturing miscellaneous finished plastics products. The manufacture of elastic webbing is classified in SIC Major Group 22; products made of elastic webbing and garments made from rubberized fabrics in SIC Major Group 23; and synthetic rubber in industry 2822.

301 TIRES AND INNER TUBES

3011 Tires and Inner Tubes.—Establishments primarily engaged in manufacturing pneumatic casings, inner

tubes, and solid and cushion tires for all types of vehicles, airplanes, farm equipment, and children's vehicles; tiring; and camelback, and tire repair and retreading materials. Establishments primarily engaged in retreading tires are classified in industry 7534.

302 RUBBER AND PLASTICS FOOTWEAR

3021 Rubber and Plastics Footwear.—Establishments primarily engaged in manufacturing all rubber and plastics footwear, waterproof fabric upper footwear, and other fabric upper footwear having rubber or plastic soles vulcanized to the uppers. Establishments primarily engaged in manufacturing rubber, composition, and fiber heels, soles, soling strips, and related shoemaking and repairing materials are classified in industry 3069; plastic soles and soling strips in industry 3079.

303 RECLAIMED RUBBER

3031 Reclaimed Rubber.—Establishments primarily engaged in reclaiming rubber from scrap rubber tires, tubes, and miscellaneous waste rubber articles by processes which result in devulcanized, depolymerized, or regenerated replasticized products containing added ingredients. These products are sold for use as a raw material in the manufacture of rubber goods with or without admixture with crude rubber or synthetic rubber. Establishments primarily engaged in the assembly and wholesale sale of scrap rubber are classified in trade industries.

304 RUBBER AND PLASTICS HOSE AND BELTING

3041 Rubber and Plastics Hose and Belting.—Establishments primarily engaged in manufacturing rubber and plastics hose and belting, including garden hose. Establishments primarily engaged in manufacturing rubber tubing are classified in industry 3069; plastic tubing in industry 3079; and flexible metallic hose in industry 3599.

306 FABRICATED RUBBER PRODUCTS, NOT ELSEWHERE CLASSIFIED

3069 Fabricated Rubber Products, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing industrial and mechanical rubber goods, rubberized fabrics, vulcanized rubber clothing, and miscellaneous rubber specialties and sundries. Establishments primarily engaged in rebuilding and retreading tires are classified in industry 7534; and gaskets and packing in industry 3293.

307 MISCELLANEOUS PLASTICS PRODUCTS

3079 Miscellaneous Plastics Products.—Establishments primarily engaged in molding primary plastics for the trade, and fabricating miscellaneous finished plastics products. Establishments primarily engaged in manufacturing fabricated plastics products or plastics film, sheet, rod, nontextile monofilaments and regenerated cellulose products, and vulcanized fiber are classified in this industry, whether from purchased resins or from resins produced in the same plant. Establishments primarily engaged in compounding purchased resins are also classified in this industry. Establishments primarily engaged in manufacturing artificial leather are classified in industry 2295.

31 LEATHER AND LEATHER PRODUCTS

This major group includes establishments engaged in tanning, currying, and finishing hides and skins, and establishments manufacturing finished leather, artificial leather products, and some similar products made of other materials. Leather converters are also included.

311 LEATHER TANNING AND FINISHING

3111 Leather Tanning and Finishing.—Establishments primarily engaged in tanning, currying, and finishing hides and skins into leather. This industry also includes leather converters who buy hides and skins and have them processed into leather on a contract basis by others.

313 BOOT AND SHOE CUT STOCK AND FINDINGS

3131 Boot and Shoe Cut Stock and Findings.—Establishments primarily engaged in manufacturing leather soles, inner soles, and other boot and shoe cut stock and findings. This industry also includes finished wood heels. Establishments primarily engaged in manufacturing heels, soling strips, and soles made of rubber, composition, plastics, and fiber are classified in SIC Major Group 30.

314 FOOTWEAR, EXCEPT RUBBER

3142 House Slippers.—Establishments primarily engaged in manufacturing house slippers of leather or other materials.

3143 Men's Footwear, Except Athletic.—Establishments primarily engaged in the production of men's footwear designed primarily for dress, street, and work. Establishments primarily engaged in the production of such protective footwear as rubbers, rubber

boots, storm shoes, galoshes, and other footwear with rubber soles vulcanized to the uppers are classified in industry 3021. Establishments primarily engaged in the production of athletic shoes and youths' and boys' shoes are classified in industry 3149.

3144 Women's Footwear, Except Athletic.—Establishments primarily engaged in the production of women's footwear designed primarily for dress, street, and work. Establishments primarily engaged in the production of athletic shoes and misses', children's, infants', and babies' footwear are classified in industry 3149. Establishments primarily engaged in the production of rubber or plastics footwear are classified in industry 3021.

3149 Footwear, Except Rubber, Not Elsewhere Classified.—Establishments primarily engaged in the production of shoes, not elsewhere classified, such as misses', youths', boys', children's, infants', and babies' footwear, and athletic footwear. Establishments primarily engaged in the production of rubber or plastics footwear are classified in industry 3021.

315 LEATHER GLOVES AND MITTENS

3151 Leather Gloves and Mittens.—Establishments primarily engaged in manufacturing dress, semidress, and work gloves exclusively of leather or leather with lining of other material. Establishments primarily engaged in manufacturing sporting and athletic gloves are classified in industry 3949; and dress, semidress, and work gloves and mittens of cloth or cloth and leather combined in industry 2381.

316 LUGGAGE

3161 Luggage.—Establishments primarily engaged in manufacturing luggage of leather or other materials.

317 HANDBAGS AND OTHER PERSONAL LEATHER GOODS

3171 Women's Handbags and Purses.—Establishments primarily engaged in manufacturing women's handbags and purses of leather or other materials, except precious metal (industry 3911).

3172 Personal Leather Goods, Except Women's Handbags and Purses.—Establishments primarily engaged in manufacturing small articles, such as billfolds, key cases, and coin purses of leather or other materials, except precious metal (industry 3911).

319 LEATHER GOODS, NOT ELSEWHERE CLASSIFIED

- 3199 Leather Goods, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing leather goods, not elsewhere classified, such as saddlery, harness, whips, embossed leather goods, leather desk sets, razor strops, and leather belting. Establishments primarily engaged in manufacturing gaskets and packing are classified in industry 3293.

32 STONE, CLAY, GLASS, AND CONCRETE PRODUCTS

This major group includes establishments engaged in manufacturing flat glass and other glass products, cement, structural clay products, pottery, concrete and gypsum products, cut stone, abrasive and asbestos products, etc., from materials taken principally from the earth in the form of stone, clay, and sand. When separate reports are available for mines and quarries operated by manufacturing establishments classified in this major group, the mining and quarrying activities are classified in Division B. When separate reports are not available, the mining and quarrying activities other than those of industry 3295 are classified herein with the manufacturing operations.

If separate reports are not available for crushing, grinding, and other preparation activities of industry 3295, these establishments are classified in Division B.

321 FLAT GLASS

- 3211 Flat Glass.**—Establishments primarily engaged in manufacturing flat glass. This industry also produces laminated glass, but establishments primarily engaged in manufacturing laminated glass from purchased flat glass are classified in industry 3231.

322 GLASS AND GLASSWARE, PRESSED OR BLOWN

This group includes establishments primarily engaged in manufacturing glass and glassware, pressed, blown, or shaped from glass produced in the same establishment. Establishments primarily engaged in manufacturing glass products from purchased glass are classified in industry 3231.

- 3221 Glass Containers.**—Establishments primarily engaged in manufacturing glass containers for commercial packing and bottling and for home canning.
- 3229 Pressed and Blown Glass and Glassware, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing glass and glassware, not elsewhere classified, pressed, blown, or shaped from glass produced in the same establishment. Establishments

primarily engaged in manufacturing textile glass fibers are also included in this industry, but establishments primarily engaged in manufacturing glass wool insulation products are classified in industry 3296. Establishments primarily engaged in the production of pressed lenses for vehicular lighting, beacons, and lanterns are also included in this industry, but establishments primarily engaged in the production of optical lenses are classified in industry 3832. Establishments primarily engaged in manufacturing glass containers are classified in industry 3221, and complete electric light bulbs in industry 3641.

323 GLASS PRODUCTS, MADE OF PURCHASED GLASS

- 3231 Glass Products, Made of Purchased Glass.**—Establishments primarily engaged in manufacturing glass products from purchased glass. Establishments primarily engaged in manufacturing optical lenses and ophthalmic lenses are classified in SIC Major Group 38.

324 CEMENT, HYDRAULIC

- 3241 Cement, Hydraulic.**—Establishments primarily engaged in manufacturing hydraulic cement, including portland, natural, masonry, and pozzolan cements.

325 STRUCTURAL CLAY PRODUCTS

- 3251 Brick and Structural Clay Tile.**—Establishments primarily engaged in manufacturing brick and structural clay tile. Establishments primarily engaged in manufacturing clay firebrick are classified in industry 3255, nonclay firebrick in industry 3297, sand lime brick in industry 3299, and glass brick in industry 3229.
- 3253 Ceramic Wall and Floor Tile.**—Establishments primarily engaged in manufacturing ceramic wall and floor tile. Establishments primarily engaged in manufacturing structural clay tile are classified in industry 3251, and drain tile in industry 3259.
- 3255 Clay Refractories.**—Establishments primarily engaged in manufacturing clay firebrick and other heat-resisting clay products. Establishments primarily engaged in manufacturing nonclay refractories, as well as all graphite refractories whether of carbon bond or ceramic bond, are classified in industry 3297.
- 3259 Structural Clay Products, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing clay sewer pipe and structural clay products, not elsewhere classified.

326 POTTERY AND RELATED PRODUCTS

3261 Vitreous China Plumbing Fixtures and China and Earthenware Fittings and Bathroom Accessories.—Establishments primarily engaged in manufacturing china plumbing fixtures and china and earthenware fittings and bathroom accessories.

3262 Vitreous China Table and Kitchen Articles.—Establishments primarily engaged in manufacturing vitreous china table and kitchen articles for use in households and in hotels, restaurants, and other commercial institutions for preparing, serving, or storing food or drink. Establishments primarily engaged in manufacturing fine (semivitreous) types of earthenware (whiteware) table and kitchen articles are classified in industry 3263.

3263 Fine Earthenware (Whiteware) Table and Kitchen Articles.—Establishments primarily engaged in manufacturing fine (semivitreous) types of earthenware table and kitchen articles for preparing, serving, or storing food or drink. Establishments primarily engaged in manufacturing vitreous china table and kitchen articles are classified in industry 3262.

3264 Porcelain Electrical Supplies.—Establishments primarily engaged in manufacturing porcelain electrical insulators, molded porcelain parts for electrical devices, spark plug and steatitic porcelain, and other electrical supplies from clay and other ceramic materials.

3269 Pottery Products, Not Elsewhere Classified.—Establishments primarily engaged in firing and decorating white china and earthenware for the trade and manufacturing art and ornamental pottery, industrial and laboratory pottery, stoneware and coarse earthenware table and kitchen articles, unglazed red earthenware florists' articles, and other pottery products, not elsewhere classified.

327 CONCRETE, GYPSUM, AND PLASTER PRODUCTS

3271 Concrete Block and Brick.—Establishments primarily engaged in manufacturing concrete building block and brick from a combination of cement and aggregate. Contractors engaged in concrete construction work are classified in the construction industries, and establishments primarily engaged in mixing and delivering ready-mixed concrete in industry 3273.

3272 Concrete Products, Except Block and Brick.—Establishments primarily engaged in manufacturing concrete products, except block and brick, from a combination of cement and aggregate. Contractors engaged in concrete construction work are classified

in the construction industries, and establishments primarily engaged in mixing and delivering ready-mixed concrete in industry 3273.

3273 Ready-Mixed Concrete.—Establishments primarily engaged in manufacturing portland cement concrete manufactured and delivered to a purchaser in a plastic and unhardened state. This industry includes production and sale of central-mixed concrete, shrink-mixed concrete, and transit-mixed concrete.

3274 Lime.—Establishments primarily engaged in manufacturing quicklime, hydrated lime, and "dead-burned" dolomite from limestone, dolomite shells, or other substances.

3275 Gypsum Products.—Establishments primarily engaged in manufacturing plaster, plasterboard, and other products composed wholly or chiefly of gypsum.

328 CUT STONE AND STONE PRODUCTS

3281 Cut Stone and Stone Products.—Establishments primarily engaged in cutting, shaping, and finishing marble, granite, slate, and other stone for building and miscellaneous uses. Establishments primarily engaged in buying or selling partly finished monuments and tombstones, but performing no work on the stones other than lettering, finishing, or shaping to custom order, are classified in trade industries. The cutting of grindstones, pulpstones, and whetstones at the quarry is classified in Division B.

329 ABRASIVE, ASBESTOS, AND MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS

3291 Abrasive Products.—Establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials and other abrasive products. The cutting of grindstones, pulpstones, and whetstones at the quarry is classified in mining industries.

3292 Asbestos Products.—Establishments primarily engaged in manufacturing asbestos textiles, asbestos building materials, except asbestos paper (industry 2661), insulating materials for covering boilers and pipes, and other commodities composed wholly or chiefly of asbestos. Establishments primarily engaged in manufacturing gaskets and steam and other packing are classified in industry 3293.

3293 Gaskets, Packing, and Sealing Devices.—Establishments primarily engaged in manufacturing gaskets, gasketing materials, compression packings, molded packings, oil seals, and mechanical seals. Included are gaskets, packing, and sealing devices made of leather, rubber, metal, asbestos, and plastics.

3295 Minerals and Earths, Ground or Otherwise Treated.—Establishments operating without a mine or quarry and primarily engaged in the crushing, grinding, pulverizing, or otherwise preparing clay, ceramic, and refractory minerals; barite; and miscellaneous nonmetallic minerals, except fuels. These minerals are the crude products mined by establishments of SIC groups 145 and 149 and industry 1472. Also included are establishments primarily crushing slag and preparing roofing granules. The beneficiation or preparation of other minerals and metallic ores, and the cleaning and grading of coal, are classified in the mining industries, whether or not the operation is associated with a mine.

3296 Mineral Wool.—Establishments primarily engaged in manufacturing mineral wool and mineral wool insulation products made of such siliceous materials as rock, slag, and glass, or combinations thereof. Establishments primarily engaged in manufacturing asbestos insulation products are classified in industry 3292, and textile glass fibers in industry 3229.

3297 Nonclay Refractories.—Establishments primarily engaged in manufacturing refractories and crucibles made of materials other than clay. This industry also includes establishments primarily engaged in manufacturing all graphite refractories, whether of carbon bond or ceramic bond. Establishments primarily engaged in manufacturing clay refractories are classified in industry 3255.

3299 Nonmetallic Mineral Products, Not Elsewhere Classified.—Establishments primarily engaged in the factory production of statuary and art goods made of plaster of paris and papier mache, and in manufacturing sand lime products and other nonmetallic mineral products, not elsewhere classified.

33 PRIMARY METAL INDUSTRIES

This major group includes establishments engaged in the smelting and refining of ferrous and nonferrous metals from ore, pig, or scrap; in the rolling, drawing, and alloying of ferrous and nonferrous metals; in the manufacture of castings and other basic products of ferrous and nonferrous metals; and in the manufacture of nails, spikes, and insulated wire and cable. This major group also includes the production of coke. Establishments primarily engaged in manufacturing metal forgings or stampings are classified in SIC group 346.

331 BLAST FURNACES, STEEL WORKS, AND ROLLING AND FINISHING MILLS

3312 Blast Furnaces (Including Coke Ovens), Steel Works, and Rolling Mills.—Establishments primarily engaged

in manufacturing hot metal, pig iron, silvery pig iron, and ferroalloys from iron ore and iron and steel scrap; converting pig iron, scrap iron, and scrap steel into steel; and in hot rolling iron and steel into basic shapes, such as plates, sheets, strips, rods, bars, and tubing. Merchant blast furnaces and byproduct or beehive coke ovens are also included in this industry. Establishments primarily engaged in manufacturing ferro and nonferrous additive alloys by electrometallurgical processes are classified in industry 3313.

3313 Electrometallurgical Products.—Establishments primarily engaged in manufacturing ferro and nonferrous additive alloys by electrometallurgical or metallothermic processes, including high percentage ferroalloys and high percentage nonferrous additive alloys.

3315 Steel Wire Drawing and Steel Nails and Spikes.—Establishments primarily engaged in drawing wire from purchased iron or steel rods, bars, or wire, and which may be engaged in the further manufacture of products made from wire; establishments primarily engaged in manufacturing steel nails and spikes from purchased materials are also included in this industry. Rolling mills engaged in the production of ferrous wire from wire rods or hot rolled bars produced in the same establishment are classified in industry 3312. Establishments primarily engaged in drawing nonferrous wire are classified in SIC group 335.

3316 Cold Rolled Steel Sheet, Strip, and Bars.—Establishments primarily engaged in (1) cold rolling steel sheets and strip from purchased hot rolled sheets; (2) cold drawing steel bars and steel shapes from purchased hot rolled steel bars; and (3) producing other cold finished steel. Establishments primarily engaged in the production of steel, including hot rolled steel sheets, and further cold rolling such sheets are classified in industry 3312.

3317 Steel Pipe and Tubes.—Establishments primarily engaged in the production of welded or seamless steel pipe and tubes and heavy riveted steel pipe from purchased materials. Establishments primarily engaged in the production of steel, including steel skelp or steel blanks, tube rounds, or pierced billets, are classified in industry 3312.

332 IRON AND STEEL FOUNDRIES

This group includes establishments primarily engaged in manufacturing iron and steel castings. These establishments generally operate on a job or order basis, manufacturing castings for sale to others or for interplant transfer. Establishments which produce iron and steel castings

and which are also engaged in fabricating operations, such as machining, assembling, etc., in manufacturing a specified product are classified in the industry of the specified product. Iron and steel castings are made to a considerable extent by establishments classified in other industries, that operate foundry departments for the production of castings for incorporation, in the same establishment, into such products as stoves, furnaces, plumbing fixtures, motor vehicles, etc. Establishments primarily engaged in the manufacture and rolling of steel and also making steel castings are classified in industry 3312. Establishments primarily engaged in manufacturing nonferrous castings are classified in SIC group 336.

- 3321 Gray Iron Foundries.**—Establishments primarily engaged in manufacturing gray iron castings, including cast iron pressure and soil pipes and fittings.
- 3322 Malleable Iron Foundries.**—Establishments primarily engaged in manufacturing malleable iron castings.
- 3324 Steel Investment Foundries.**—Establishments primarily engaged in manufacturing steel investment castings.
- 3325 Steel Foundries, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing steel castings, not elsewhere classified.

333 PRIMARY SMELTING AND REFINING OF NON-FERROUS METALS

- 3331 Primary Smelting and Refining of Copper.**—Establishments primarily engaged in smelting copper from the ore, and in refining copper by electrolytic or other processes. Establishments primarily engaged in rolling, drawing, or extruding copper are classified in industry 3351.
- 3332 Primary Smelting and Refining of Lead.**—Establishments primarily engaged in smelting lead from the ore and in refining lead by any process. Establishments primarily engaged in rolling, drawing, or extruding lead are classified in industry 3356.
- 3333 Primary Smelting and Refining of Zinc.**—Establishments primarily engaged in smelting zinc from the ore and in refining zinc by any process. Establishments primarily engaged in rolling, drawing, or extruding zinc are classified in industry 3356.
- 3334 Primary Production of Aluminum.**—Establishments primarily engaged in producing aluminum from alumina and in refining aluminum by any process. Establishments primarily engaged in rolling, drawing, or extruding aluminum are classified in industries 3353, 3354, and 3355.

- 3339 Primary Smelting and Refining of Nonferrous Metals, Not Elsewhere Classified.**—Establishments primarily engaged in smelting and refining nonferrous metals, not elsewhere classified. Establishments primarily engaged in rolling, drawing, and extruding these nonferrous primary metals are classified in industry 3356, and the production of bullion at the site of the mine is classified in the mining industries.

334 SECONDARY SMELTING AND REFINING OF NON-FERROUS METALS

- 3341 Secondary Smelting and Refining of Nonferrous Metals.**—Establishments primarily engaged in recovering nonferrous metals and alloys from new and used scrap and dross. This industry includes establishments engaged in both the recovery and alloying of precious metals. Plants engaged in the recovery of tin through secondary smelting and refining, as well as by chemical processes, are included in this industry. Establishments primarily engaged in assembling, sorting, and breaking up scrap metal, without smelting and refining, are classified in trade industries.

335 ROLLING, DRAWING, AND EXTRUDING OF NON-FERROUS METALS

- 3351 Rolling, Drawing, and Extruding of Copper.**—Establishments primarily engaged in rolling, drawing, and extruding copper, brass, bronze, and other copper base alloy basic shapes, such as plate, sheet, strip, bar, and tubing. Establishments primarily engaged in recovering copper and its alloys from scrap or dross are classified in industry 3341.
- 3353 Aluminum Sheet, Plate, and Foil.**—Establishments primarily engaged in flat rolling aluminum and aluminum base alloy basic shapes, such as sheet, plate, and foil, including establishments producing welded tube. Also included are establishments primarily producing similar products by continuous casting.
- 3354 Aluminum Extruded Products.**—Establishments primarily engaged in extruding aluminum and aluminum base alloy basic shapes, such as rod and bar, pipe and tube, and tube blooms, including establishments producing tube by drawing.
- 3355 Aluminum Rolling and Drawing, Not Elsewhere Classified.**—Establishments primarily engaged in rolling, drawing, and other operations resulting in the production of aluminum ingot, including extrusion ingot, and aluminum and aluminum base alloy basic shapes, not elsewhere classified, such as rolled and continuous cast rod and bar. Establishments primarily engaged in producing aluminum powder,

flake, and paste are classified in industry 3399, and those producing aluminum wire and cable from purchased wire bars, rods, or wire are classified in industry 3357.

3356 Rolling, Drawing, and Extruding of Nonferrous Metals, Except Copper and Aluminum.—Establishments primarily engaged in rolling, drawing, and extruding nonferrous metals other than copper (industry 3351) and aluminum (industries 3353, 3354, and 3355). The products of this industry are produced in the form of basic shapes, such as plate, sheet, strip, bar, and tubing. Establishments primarily engaged in recovering nonferrous metals and alloys from scrap or dross are classified in industry 3341; in manufacturing gold, silver, tin, and other foils, except aluminum in industry 3497; and aluminum foil in industry 3353.

3357 Drawing and Insulating of Nonferrous Wire.—Establishments primarily engaged in drawing and insulating, and insulating wire and cable of nonferrous metals from purchased wire bars, rods, or wire.

336 NONFERROUS FOUNDRIES (CASTINGS)

This group includes establishments primarily engaged in manufacturing castings and die castings of aluminum, brass, bronze and other nonferrous metals and alloys. These establishments generally operate on a job or order basis, manufacturing castings for sale to others or for interplant transfer. Establishments which produce nonferrous castings and which are also engaged in fabricating operations, such as machining, assembling, etc., in manufacturing a specified product are classified in the industry of the specified product. Nonferrous castings are made to a considerable extent by establishments classified in other industries that operate foundry departments for the production of castings for incorporation, in the same establishment, into such products as machinery, motor vehicles, etc. Establishments primarily engaged in manufacturing iron and steel castings are classified in SIC group 332.

3361 Aluminum Foundries (Castings).—Establishments primarily engaged in manufacturing castings and die castings of aluminum and aluminum-base alloys.

3362 Brass, Bronze, Copper, Copper Base Alloy Foundries (Castings).—Establishments primarily engaged in manufacturing castings and die castings of copper and copper base alloys.

3369 Nonferrous Foundries (Castings), Not Elsewhere Classified.—Establishments primarily engaged in manufacturing castings and die castings of nonferrous materials, except aluminum, copper, and copper base alloys.

339 MISCELLANEOUS PRIMARY METAL PRODUCTS

3398 Metal Heat Treating.—Establishments primarily engaged in heat treating of metal for the trade.

3399 Primary Metal Products, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing primary metal products, not elsewhere classified, such as nonferrous nails, brads, and spikes; and metal powder, flakes, and paste.

34 FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND TRANSPORTATION EQUIPMENT

This major group includes establishments engaged in fabricating ferrous and nonferrous metal products, such as metal cans, tinware, handtools, cutlery, general hardware, nonelectric heating apparatus, fabricated structural metal products, metal forgings, metal stampings, ordnance (except vehicles and guided missiles), and a variety of metal and wire products, not elsewhere classified. Certain important segments of the metal fabricating industries are classified in other major groups, such as machinery in SIC Major Groups 35 and 36; transportation equipment, including tanks, in SIC Major Group 37; professional scientific and controlling instruments, watches, and clocks in SIC Major Group 38; and jewelry and silverware in SIC Major Group 39. Establishments primarily engaged in producing ferrous and nonferrous metals and their alloys are classified in SIC Major Group 33.

341 METAL CANS AND SHIPPING CONTAINERS

3411 Metal Cans.—Establishments primarily engaged in manufacturing metal cans from purchased materials. Establishments primarily engaged in manufacturing foil containers are classified in industry 3497.

3412 Metal Shipping Barrels, Drums, Kegs, and Pails.—Establishments primarily engaged in manufacturing ferrous and nonferrous metal shipping barrels, drums, kegs, and pails.

342 CUTLERY, HAND TOOLS, AND GENERAL HARDWARE

3421 Cutlery.—Establishments primarily engaged in manufacturing cutlery. Establishments primarily engaged in manufacturing table cutlery made entirely of metal are classified in industry 3914; those manufacturing electric razors in industry 3634; and those manufacturing hair clippers for human use in industry 3999, and for animal use in industry 3523.

3423 Hand and Edge Tools, Except Machine Tools and Hand Saws.—Establishments primarily engaged in

manufacturing files and other hand and edge tools for metalworking, woodworking, and general maintenance. Establishments primarily engaged in manufacturing saws are classified in industry 3425; and metal-cutting dies, power-driven handtools, and attachments and accessories for machine tools in SIC Major Group 35.

3425 Hand Saws and Saw Blades.—Establishments primarily engaged in manufacturing handsaws and saw blades for hand and power-driven saws. Establishments primarily engaged in manufacturing power-driven sawing machines are classified in SIC Major Group 35.

3429 Hardware, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing miscellaneous metal products usually termed "hardware," not elsewhere classified. Establishments primarily engaged in manufacturing bolts and nuts are classified in industry 3452, nails and spikes in SIC Major Group 33, cutlery in industry 3421, handtools in industry 3423, and pole line and transmission hardware in SIC Major Group 36.

343 HEATING EQUIPMENT, EXCEPT ELECTRIC AND WARM AIR; AND PLUMBING FIXTURES

3431 Enameled Iron and Metal Sanitary Ware.—Establishments primarily engaged in manufacturing enameled iron, cast iron, or pressed metal sanitary ware. Establishments primarily engaged in manufacturing vitreous and semivitreous pottery sanitary ware are classified in industry 3261; and those manufacturing porcelain enameled kitchen, household, and hospital ware in industry 3469.

3432 Plumbing Fixture Fittings and Trim (Brass Goods).—Establishments primarily engaged in manufacturing plumbing fixture fittings and trim (brass goods). Establishments primarily engaged in the manufacture of steam or water line valves are classified in industry 3494.

3433 Heating Equipment, Except Electric and Warm Air Furnaces.—Establishments primarily engaged in manufacturing heating equipment, except electric and warm air furnaces, including gas, oil, and stoker coal-fired equipment for the automatic utilization of gaseous, liquid, and solid fuels. Establishments primarily engaged in manufacturing warm air furnaces are classified in industry 3585; cooking stoves and ranges in industry 3631; boiler shops primarily engaged in the production of industrial, power, and marine boilers in industry 3443; and industrial process furnaces and ovens in industry 3567.

344 FABRICATED STRUCTURAL METAL PRODUCTS

3441 Fabricated Structural Metal.—Establishments primarily engaged in manufacturing fabricated iron and steel or other metal for structural purposes, such as bridges, buildings, and sections for ships, boats, and barges. Establishments primarily engaged in manufacturing metal doors, sash, frames, molding, and trim are classified in industry 3442; and establishments doing fabrication work at the site of construction are classified in Division C.

3442 Metal Doors, Sash, Frames, Molding, and Trim.—Establishments primarily engaged in manufacturing ferrous and nonferrous metal and metal covered doors and sash, window and door frames and screens, molding, and trim.

3443 Fabricated Plate Work (Boiler Shops).—Establishments primarily engaged in manufacturing power and marine boilers, pressure and nonpressure tanks, processing and storage vessels, heat exchangers, weldments, and similar products by the process of cutting, forming, and joining metal plates, shapes, bars, sheet, pipe mill products, and tubing to custom or standard design for factory or field assembly. Establishments primarily engaged in manufacturing warm air heating furnaces are classified in industry 3585, other nonelectric heating apparatus, except power boilers in industry 3433, and household cooking apparatus in industry 3631.

3444 Sheet Metal Work.—Establishments primarily engaged in manufacturing sheet metal work for buildings (not including fabrication work done by construction contractors at the place of construction), and manufacturing sheet metal stovepipes, light tanks, etc.

3446 Architectural and Ornamental Metal Work.—Establishments primarily engaged in manufacturing architectural and ornamental metal work of ferrous and nonferrous metals, such as stairs and staircases, open steel flooring (grating), fire escapes, grilles, railings, and fences and gates, except those made from wire. Establishments primarily engaged in manufacturing prefabricated and portable metal buildings and parts are classified in industry 3448, and miscellaneous metal work in industry 3449.

3448 Prefabricated Metal Buildings and Components.—Establishments primarily engaged in manufacturing prefabricated and portable metal buildings and parts, and prefabricated exterior metal panels.

3449 Miscellaneous Metal Work.—Establishments primarily engaged in manufacturing miscellaneous ferrous and nonferrous metal work, such as metal plaster bases, fabricated bar joists, and concrete reinforcing bars.

345 SCREW MACHINE PRODUCTS, AND BOLTS, NUTS, SCREWS, RIVETS, AND WASHERS

3451 Screw Machine Products.—Establishments primarily engaged in manufacturing automatic or hand screw machine products from rod, bar, or tube stock of metal, fiber, plastics, or other material. The products of this industry consist of a wide variety of unassembled parts and are usually manufactured on a job or order basis. Establishments primarily engaged in manufacturing standard bolts, nuts, rivets, screws, and other industrial fasteners on headers, threaders, and nut forming machines are classified in industry 3452.

3452 Bolts, Nuts, Screws, Rivets, and Washers.—Establishments primarily engaged in manufacturing bolts, nuts, screws, rivets, washers, formed and threaded wire goods, and special industrial fasteners. Rolling mills engaged in manufacturing similar products are classified in SIC Major Group 33, and establishments primarily engaged in manufacturing screw machine products in industry 3451.

346 METAL FORGINGS AND STAMPINGS

This group includes establishments primarily engaged in manufacturing metal forgings or metal stampings. These establishments generally operate on a job or order basis, manufacturing metal stampings or forgings for sale to others or for interplant transfer. Establishments which produce metal stampings or forgings for incorporation in end products produced in the same establishment are classified on the basis of the end product.

3462 Iron and Steel Forgings.—Establishments primarily engaged in manufacturing iron and steel forgings, with or without the use of dies.

3463 Nonferrous Forgings.—Establishments primarily engaged in manufacturing nonferrous forgings, with or without the use of dies.

3465 Automotive Stampings.—Establishments primarily engaged in manufacturing automotive stampings, such as body parts, hubs, and trim.

3466 Crowns and Closures.—Establishments primarily engaged in manufacturing metal crowns and closures.

3469 Metal Stampings, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing metal stampings and spun products, not elsewhere classified, including porcelain enameled products, such as household appliance housings and parts; utensils and consumer stamped and spun products, such as cooking and kitchen utensils; and other nonautomotive job stampings.

347 COATING, ENGRAVING, AND ALLIED SERVICES

3471 Electroplating, Plating, Polishing, Anodizing, and Coloring.—Establishments primarily engaged in all types of electroplating, plating, anodizing, coloring, and finishing of metals and formed products for the trade. Most of the work done in this industry is done on materials owned by others.

3479 Coating, Engraving, and Allied Services, Not Elsewhere Classified.—Establishments primarily engaged in performing the following types of services on metals: (1) Enameling, lacquering, and varnishing metal products for the trade; (2) hot-dip galvanizing of mill sheets, plates and bars, castings, and formed products fabricated of iron and steel; hot-dip coating such items with aluminum, lead, or zinc; retinning cans and utensils; (3) engraving, chasing and etching jewelry, silverware, notarial and other seals, and other metal products for the trade and for job contracting for purposes other than printing; and (4) other metal services, not elsewhere classified. Establishments primarily engaged in electroplating, plating, polishing, anodizing, coloring, and finishing of metals and formed products for the trade are classified in industry 3471; and those producing porcelain enameled products in industry 3469.

348 ORDNANCE AND ACCESSORIES, EXCEPT VEHICLES AND GUIDED MISSILES

3482 Small Arms Ammunition.—Establishments primarily engaged in manufacturing ammunition for small arms having a bore of 30 mm (or 1.18 inch) and below. Establishments primarily engaged in manufacturing ammunition, except for small arms, are classified in industry 3483, blasting and detonating caps and safety fuses in industry 2892, and fireworks in industry 2899.

3483 Ammunition, Except for Small Arms, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing ammunition, not elsewhere classified, or in loading and assembling ammunition over 30 mm (or over 1.18 inch) for naval, aircraft, anti-aircraft, tank, coast, and field artillery; including component parts. This industry also includes establishments primarily engaged in manufacturing bombs, mines, torpedoes, grenades, depth charges, chemical warfare projectiles, and their component parts. Establishments primarily engaged in manufacturing small arms ammunition are classified in industry 3482, explosives in industry 2892, and military pyrotechnics in industry 2899.

3484 Small Arms.—Establishments primarily engaged in manufacturing small firearms having a bore 30 mm (or 1.18 inch) and below, and parts for small firearms. Also included in this industry are establishments primarily engaged in manufacturing certain weapons over 30 mm which are carried and employed by the individual, such as grenade launchers and heavy field machine guns. Establishments primarily engaged in manufacturing artillery and mortars having a bore over 30 mm (or over 1.18 inch) and component parts are classified in industry 3489.

3489 Ordnance and Accessories, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing ordnance and accessories, not elsewhere classified, such as naval, aircraft, antiaircraft, tank, coast, and field artillery having a bore over 30 mm (or over 1.18 inch) and components. Establishments primarily engaged in manufacturing small arms and parts 30 mm (or 1.18 inch) and below are classified in industry 3484; tanks in industry 3795; and guided missiles in SIC group 376.

349 MISCELLANEOUS FABRICATED METAL PRODUCTS

3493 Steel Springs, Except Wire.—Establishments primarily engaged in manufacturing leaf springs, hot wound springs, and coiled flat springs. Establishments primarily engaged in manufacturing wire springs are classified in industry 3495.

3494 Valves and Pipe Fittings, Except Plumbers' Brass Goods.—Establishments primarily engaged in manufacturing pipe fittings and valves for controlling the flow of liquids or gases in pipes and mains, and for machinery. Establishments primarily engaged in manufacturing faucets, spigots, and similar plumbers' brass goods and fittings are classified in industry 3432, flexible metal hose and tubing in industry 3599, and fittings and couplings for garden hose in industry 3429.

3495 Wire Springs.—Establishments primarily engaged in manufacturing wire springs. Establishments primarily engaged in assembling wire bedsprings or seats are classified in SIC Major Group 25.

3496 Miscellaneous Fabricated Wire Products.—Establishments primarily engaged in manufacturing miscellaneous fabricated wire products from purchased wire, such as noninsulated wire rope and cable; fencing; screening, netting, paper machine wire cloth; and hangers, paper clips, kitchenware, and wire carts. Rolling mills engaged in manufacturing wire products are classified in SIC Major Group 33; establishments manufacturing nonferrous wire nails and

spikes in industry 3399; those drawing and insulating nonferrous wire in industry 3357; and those manufacturing wire springs in industry 3495.

3497 Metal Foil and Leaf.—Establishments primarily engaged in manufacturing gold, silver, tin, and other metal foil (including converted metal foil) and leaf. Also included are establishments primarily engaged in converting metal foil (including aluminum) into wrappers, cookware, dinnerware, and containers, except bags and liners. Establishments primarily engaged in manufacturing plain aluminum foil are classified in industry 3353.

3498 Fabricated Pipe and Fabricated Pipe Fittings.—Establishments primarily engaged in fabricating pipe and pipe fittings from purchased pipe, by cutting, threading, bending, etc. Establishments primarily engaged in manufacturing cast iron pipe and fittings, including cast and forged pipe fittings which have been machined and threaded, are classified in industry 3321; and welded and heavy riveted pipe and seamless steel pipe in industry 3317. Establishments primarily engaged in manufacturing products, such as bannisters, railings, and guards from pipe are classified in industry 3446.

3499 Fabricated Metal Products, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing fabricated metal products, not elsewhere classified, such as fire or burglary resistive steel safes and vaults and similar fire or burglary resistive products; and collapsible tubes of thin flexible metal. Also included are establishments primarily engaged in manufacturing metal boxes, metal ladders, and metal household articles, such as ice cream freezers and ironing boards. Establishments primarily engaged in manufacturing concrete grave vaults are classified in industry 3272, and metal grave vaults in industry 3995. Establishments primarily engaged in manufacturing advertising novelties are classified in industry 3993.

35 MACHINERY, EXCEPT ELECTRICAL

This major group includes establishments engaged in manufacturing machinery and equipment other than electrical equipment (SIC Major Group 36) and transportation equipment (SIC Major Group 37). Machines powered by built-in or detachable motors are ordinarily included in this major group, with the exception of electrical household appliances (SIC Major Group 36). Portable tools, both electric and pneumatic powered, are included in this major group, but handtools are classified in SIC Major Group 34.

351 ENGINES AND TURBINES

3511 Steam, Gas and Hydraulic Turbines and Turbine Generator Set Units.—Establishments primarily engaged in manufacturing steam turbines; hydraulic turbines; gas turbines, except aircraft; complete steam, gas, and hydraulic turbine generator set units; and steam engines. Establishments primarily engaged in building or rebuilding locomotives are classified in industry 3743; and those manufacturing nonautomotive type generators which are not part of a turbine generator set in industry 3621.

3519 Internal Combustion Engines, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing diesel, semi-diesel, or other internal combustion engines, not elsewhere classified, for stationary, marine, traction, and other uses. Establishments primarily engaged in manufacturing aircraft engines are classified in industry 3724; automotive engines (except diesel) in industry 3714; engine generator sets in industry 3621; and guided missile and space vehicle propulsion units in industry 3764.

352 FARM AND GARDEN MACHINERY AND EQUIPMENT

3523 Farm Machinery and Equipment.—Establishments primarily engaged in manufacturing farm machinery and equipment, including wheel tractors, for use in the preparation and maintenance of the soil; planting and harvesting of the crop; preparing crops for market, on the farm; or for use in performing other farm operations and processes. Establishments primarily engaged in manufacturing industrial trucks, tractors, and trailers used for handling materials in industrial plants, depots, and docks are classified in industry 3537; contractors' off-highway tractors are classified in industry 3531; farm handtools in SIC group 342; and garden tractors, lawn mowers and other lawn and garden equipment in industry 3524.

3524 Garden Tractors and Lawn and Garden Equipment.—Establishments primarily engaged in manufacturing lawn mowers, garden tractors, and other lawn and garden equipment used for home lawn and garden care. Also included are establishments primarily manufacturing snow blowers and throwers for residential use. Establishments primarily engaged in manufacturing farm machinery and equipment are classified in industry 3523; hand lawn and garden shears and pruners in industry 3421; and other garden handtools in industry 3423.

353 CONSTRUCTION, MINING, AND MATERIALS HANDLING MACHINERY AND EQUIPMENT

3531 Construction Machinery and Equipment.—Establishments primarily engaged in manufacturing heavy

machinery and equipment used by the construction industries, such as bulldozers; concrete mixers; cranes, except industrial plant type; dredging machinery; pavers; and power shovels. Establishments primarily engaged in manufacturing mining equipment are classified in industry 3532, and well-drilling machinery in industry 3533.

3532 Mining Machinery and Equipment, Except Oil Field Machinery and Equipment.—Establishments primarily engaged in manufacturing heavy machinery and equipment used by the mining industries, such as coal breakers, mine cars, mineral cleaning machinery, concentration machinery, core drills, coal cutters, portable rock drills, and rock crushing machinery. Establishments primarily engaged in manufacturing construction machinery are classified in industry 3531; well-drilling machinery in industry 3533; and coal and ore conveyors in industry 3535.

3533 Oil Field Machinery and Equipment.—Establishments primarily engaged in manufacturing machinery and equipment for use in oil and gas fields or for drilling water wells.

3534 Elevators and Moving Stairways.—Establishments primarily engaged in manufacturing passenger or freight elevators, automobile lifts, dumbwaiters, and moving stairways. Establishments primarily engaged in manufacturing commercial conveyor systems and equipment are classified in industry 3535, and farm elevators in industry 3523.

3535 Conveyors and Conveying Equipment.—Establishments primarily engaged in manufacturing conveyors and conveying equipment for installation in factories, warehouses, mines, and other industrial and commercial establishments. Establishments primarily engaged in manufacturing passenger or freight elevators, dumbwaiters, and moving stairways are classified in industry 3534; and overhead traveling cranes and monorail systems in industry 3536.

3536 Hoists, Industrial Cranes, and Monorail Systems.—Establishments primarily engaged in manufacturing overhead traveling cranes, hoists, and monorail systems for installation in factories, warehouses, and other industrial and commercial establishments.

3537 Industrial Trucks, Tractors, Trailers, and Stackers.—Establishments primarily engaged in manufacturing industrial trucks, tractors, trailers, stackers (truck type), and related equipment, used for handling materials on floors and paved surfaces in and around industrial and commercial plants, depots, docks, and terminals. Establishments primarily engaged in manufacturing motor vehicles and motor vehicle

type trailers are classified in SIC group 371; farm-type wheel tractors in industry 3523; wheel tractor shovel loaders and tracklaying tractors in industry 3531; and wood pallets and skids in industry 2448.

354 METALWORKING MACHINERY AND EQUIPMENT

3541 Machine Tools, Metal Cutting Types.—Establishments primarily engaged in manufacturing machines, not supported in the hands of an operator when in use, that shape metal by cutting or use of electrical techniques; the rebuilding of such machine tools; and the manufacture of replacement parts for them. Metalworking, or primarily metalworking, machine tools designed primarily for home workshops are also included. Establishments primarily engaged in the manufacture of electric welding equipment are classified in industry 3623; portable power driven hand tools in industry 3546; and gas welding and cutting equipment and automotive maintenance equipment in industry 3549.

3542 Machine Tools, Metal Forming Types.—Establishments primarily engaged in manufacturing machines, not supported in the hands of an operator while in use, for pressing, hammering, extruding, shearing, die-casting, or otherwise forming metal into shape. This industry also includes rebuilding such machine tools and manufacturing repair parts for them. Establishments primarily engaged in the manufacture of electric welding equipment are classified in industry 3623; portable power driven hand tools in industry 3546; rolling mill machinery and equipment in industry 3547; and gas welding and cutting equipment and automotive maintenance equipment in industry 3549.

3544 Special Dies and Tools, Die Sets, Jigs and Fixtures, and Industrial Molds.—Establishments commonly known as contract tool and die shops and primarily engaged in manufacturing, on a job or order basis, special tools and fixtures for use with machine tools, hammers, die-casting machines, and presses. The products of establishments classified in this industry include a wide variety of special toolings, such as dies; punches; die sets and components and sub-presses; jigs and fixtures; and special checking devices. Establishments primarily engaged in manufacturing molds for die casting and foundry casting; metal molds for plaster working, rubber working, plastic working, glass working and similar machinery are also included. Establishments primarily engaged in manufacturing molds for heavy steel ingots are classified in industry 3321.

3545 Machine Tool Accessories and Measuring Devices.—Establishments primarily engaged in manufacturing cutting tools, machinist's precision measuring tools,

and attachments and accessories for machine tools and for other metal working machinery, not elsewhere classified. Establishments primarily engaged in manufacturing hand tools, except power driven types, are classified in SIC group 342.

3546 Power Driven Hand Tools.—Establishments primarily engaged in manufacturing power driven hand tools, such as drills and drilling tools, pneumatic and snagging grinders, and electric hammers. Establishments primarily engaged in manufacturing automotive maintenance equipment are classified in industry 3549; those primarily manufacturing machine tools for metal cutting and metal forming (including home workshop tools) which are not supported in the hands of an operator, are classified in industries 3541 and 3542; and those primarily manufacturing power driven heavy construction or mining hand tools in SIC group 353.

3547 Rolling Mill Machinery and Equipment.—Establishments primarily engaged in manufacturing rolling mill machinery and processing equipment for metal production, such as cold forming mills, structural mills, and finishing equipment.

3549 Metalworking Machinery, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing metalworking machinery, not elsewhere classified, such as gas cutting and welding equipment, wire fabricating machinery and equipment, except wire-drawing dies, and automotive maintenance machinery and equipment. Establishments primarily engaged in manufacturing metal cutting machine tools are classified in industry 3541; metal forming machine tools in industry 3542; power driven hand tools in industry 3546; and rolling mill machinery in industry 3547.

355 SPECIAL INDUSTRY MACHINERY, EXCEPT METALWORKING MACHINERY

3551 Food Products Machinery.—Establishments primarily engaged in manufacturing machinery for use by the food products and beverage manufacturing industries in the preparation, canning, or packaging of food products; and parts and attachments for such machinery. Establishments primarily engaged in manufacturing industrial refrigeration machinery are classified in SIC group 358.

3552 Textile Machinery.—Establishments primarily engaged in manufacturing machinery for the textile industries, including parts, attachments, and accessories. Establishments primarily engaged in manufacturing domestic or industrial sewing machines are classified in industry 3636.

3553 Woodworking Machinery.—Establishments primarily engaged in manufacturing machinery for sawmills, planing mills, cabinet and furniture makers, pattern-makers, and veneer workers. Establishments primarily engaged in manufacturing hand tools, such as planes, axes, drawknives, and handsaws are classified in SIC group 342; and portable power driven hand tools in industry 3546.

3554 Paper Industries Machinery.—Establishments primarily engaged in manufacturing machinery for the pulp, paper, and paper product industries. Establishments primarily engaged in manufacturing printing trades machinery are classified in industry 3555.

3555 Printing Trades Machinery and Equipment.—Establishments primarily engaged in manufacturing machinery and equipment used by the printing and bookbinding trades. Establishments primarily engaged in manufacturing textile printing machinery are classified in industry 3552.

3559 Special Industry Machinery, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing special industry machinery, not elsewhere classified, such as smelting and refining equipment, cement making, clay working, cotton ginning, glass making, hat making, incandescent lamp making, leather working, paint making, rubber working, cigar and cigarette making, tobacco working, shoe making, and stone working machinery.

356 GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT

3561 Pumps and Pumping Equipment.—Establishments primarily engaged in manufacturing pumps and pumping equipment for general industrial use. Establishments primarily engaged in manufacturing measuring and dispensing pumps for gasoline service station use are classified in industry 3586; and air and gas compressors in industry 3563.

3562 Ball and Roller Bearings.—Establishments primarily engaged in manufacturing ball and roller bearings (including ball or roller bearing pillow block, flange, take-up cartridge, and hanger units) and parts. Establishments primarily engaged in manufacturing bearings, except ball and roller, are classified in industry 3568.

3563 Air and Gas Compressors.—Establishments primarily engaged in manufacturing air and gas compressors for general industrial use. Establishments primarily engaged in manufacturing refrigeration compressors and compressing units are classified in industry 3585; and pumps and pumping equipment in industry 3561.

3564 Blowers and Exhaust and Ventilation Fans.—Establishments primarily engaged in manufacturing industrial and commercial blowers, industrial and commercial exhaust and ventilating fans, and attic fans. Establishments primarily engaged in manufacturing air-conditioning units are classified in industry 3585, and free air-circulating fans for use on desks, pedestals, or wall brackets as well as household window-type fans and roll-about, kitchen and household ventilating and exhaust fans in industry 3634.

3565 Industrial Patterns.—Establishments primarily engaged in manufacturing industrial patterns.

3566 Speed Changers, Industrial High Speed Drives, and Gears.—Establishments primarily engaged in manufacturing speed changers, industrial high-speed drives, and gears. Establishments primarily engaged in manufacturing these items for motor vehicles are classified in industry 3714, and for aircraft in industry 3728.

3567 Industrial Process Furnaces and Ovens.—Establishments primarily engaged in manufacturing industrial process furnaces, ovens, induction and dielectric heating equipment, and related devices.

3568 Mechanical Power Transmission Equipment, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing mechanical power transmission equipment and parts for industrial machinery. Establishments primarily engaged in manufacturing automotive, tank, and tractor power transmission equipment are classified in industry 3714; aircraft power transmission equipment in industry 3728; ball and roller bearings in industry 3562; and speed changers, industrial high speed drives, and gears in industry 3566.

3569 General Industrial Machinery and Equipment, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing machinery, equipment, and components for general industrial use, and for which no special classification is provided. Machine shops primarily engaged in producing machine and equipment parts, usually on a job or order basis, are classified in industry 3599.

357 OFFICE, COMPUTING, AND ACCOUNTING MACHINES

3572 and 3579 Typewriters and Office Machines, Not Elsewhere Classified.—The Typewriters Industry includes establishments primarily engaged in manufacturing typewriters and parts, including coded media typewriters and specialized composing typewriters. This industry is combined with the Office Machines, N.E.C., Industry which includes establishments primarily

engaged in manufacturing office machines and devices, not elsewhere classified. Establishments primarily engaged in manufacturing computing machines are classified in industry 3573, cash registers in industry 3574, and photocopy and microfilm equipment in industry 3861 (Photographic Equipment and Supplies).

It was necessary to combine industry 3572, Typewriters, with industry 3579, Office Machines, N.E.C., to avoid disclosing the operation of individual companies.

3573 Electronic Computing Equipment.—Establishments primarily engaged in manufacturing electronic computers and peripheral equipment and/or major logical components intended for use in electronic computer systems. Included are general-purpose electronic analog computers, electronic digital computers, military, ruggedized, and special purpose computers. The electronic computers may be used for data processing or may be incorporated as components of control equipment for industrial use, and as components of equipment used in weapons and weapons systems, space and oceanographic exploration, and transportation and other systems. Electronic computer systems contain high-speed arithmetic and program control units, on-line information storage devices, input/output equipment, terminals, data communication devices, and punched card equipment. Examples of input/output equipment are converters (card and/or tape) and readers and printers. Examples of storage devices are magnetic drums and disks, magnetic cores and magnetic film memories. In addition to providing technical manuals necessary for the operation and maintenance of the equipment, establishments in this industry usually furnish general-purpose computer programs and basic operating systems programs needed for effective use of the computer system. Establishments primarily producing rebuilt electronic computers are also included in this industry. Establishments primarily engaged in manufacturing desk calculators, cash registers, accounting machines and similar equipment that are operator-paced are classified in industry 3574; electrical and electronic test equipment in industry 3825; industrial controls, including electronic, in industry 3622; and industrial process instruments in industry 3823.

3574 Calculating and Accounting Machines, Except Electronic Computing Equipment.—Establishments primarily engaged in manufacturing desk calculators, adding and accounting machines, cash registers, and similar equipment. Included are electronic calculating and accounting machines which, even when augmented by attachments or which include program control or have input/output capabilities, must

be paced by operator intervention. Establishments primarily engaged in manufacturing electronic computing equipment are classified in industry 3573; typewriters in industry 3572; and office duplicating machines and devices, autographic registers, and other office machines in industry 3579.

3576 Scales and Balances, Except Laboratory.—Establishments primarily engaged in manufacturing weighing and force measuring machines and devices of all types, except those regarded as scientific apparatus for laboratory and experimental work, which are classified in industry 3811.

3579 Office Machines, Not Elsewhere Classified.—(See 3572.)

358 REFRIGERATION AND SERVICE INDUSTRY MACHINERY

3581 Automatic Merchandising Machines.—Establishments primarily engaged in manufacturing automatic merchandising units, also referred to as vending machines (excluding music, amusement, or gaming machines), and coin-operated mechanisms for such machines.

3582 Commercial Laundry, Dry Cleaning, and Pressing Machines.—Establishments primarily engaged in manufacturing laundry and dry cleaning equipment and pressing machines for commercial and industrial use. Establishments primarily engaged in manufacturing household laundry equipment, including coin-operated washers and driers, are classified in industry 3633.

3585 Air Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment.—Establishments primarily engaged in manufacturing refrigeration equipment and systems and similar equipment for commercial and industrial use; complete air conditioning units for domestic, commercial, and industrial use; and warm air furnaces, except electric. Establishments primarily engaged in manufacturing soda fountains and beer dispensing equipment and humidifiers and dehumidifiers, except for rooms, are also classified in this industry. Establishments primarily engaged in manufacturing household refrigerators and home and farm freezers are classified in industry 3632; electric air space heaters in industry 3634; and electric warm air furnaces and other electric comfort heating equipment in industry 3699.

3586 Measuring and Dispensing Pumps.—Establishments primarily engaged in manufacturing measuring and

dispensing pumps commonly used in service and filling stations for dispensing gasoline, oil, and grease, including grease guns. Establishments primarily engaged in manufacturing pumps and pumping equipment for general industrial use are classified in industry 3561.

3589 Service Industry Machines, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing machines and equipment, not elsewhere classified, for use in service industries, such as floor sanding machines, industrial vacuum cleaners, scrubbing machines, commercial cooking and food warming equipment, and commercial dishwashing machines. Establishments primarily engaged in manufacturing household electrical appliances are classified in group 363.

359 MISCELLANEOUS MACHINERY, EXCEPT ELECTRICAL

3592 Carburetors, Pistons, Piston Rings, and Valves.—Establishments primarily engaged in manufacturing carburetors, pistons, piston rings, and valves. Establishments primarily engaged in manufacturing metallic packing are classified in industry 3293; and those primarily engaged in manufacturing machine repair and equipment parts (except electric), on a job or order basis for others, are classified in industry 3599.

3599 Machinery, Except Electrical, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing machinery and parts, except electrical, not elsewhere classified, such as amusement park equipment, pneumatic and hydraulic cylinders, and flexible metal hose and tubing. This industry also includes establishments primarily engaged in producing or repairing machine and equipment parts, not elsewhere classified, on a job or order basis for others.

36 ELECTRICAL AND ELECTRONIC MACHINERY, EQUIPMENT, AND SUPPLIES

This major group includes establishments engaged in manufacturing machinery, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electrical energy. The manufacture of household appliances is included in this group, but industrial machinery and equipment powered by built-in or detachable electric motors is classified in SIC Major Group 35. Establishments primarily engaged in manufac-

turing instruments for indicating, measuring, and recording electrical quantities are classified in industry 3825.

361 ELECTRIC TRANSMISSION AND DISTRIBUTION EQUIPMENT

3612 Power, Distribution, and Specialty Transformers.—Establishments primarily engaged in manufacturing power, distribution, instrument, and specialty transformers. Establishments primarily engaged in manufacturing radio frequency or voice frequency transformers, coils, or chokes are classified in industry 3677, and resistance welder transformers in industry 3623.

3613 Switchgear and Switchboard Apparatus.—Establishments primarily engaged in manufacturing switchgear and switchboard apparatus. Important products of this industry include power switches, circuit breakers, power switching equipment, and similar switchgear for general industrial application; switchboards and cubicles, control and metering panels, power fuse mountings, and similar switchboard apparatus and supplies. Establishments primarily engaged in manufacturing industrial controls are classified in industry 3622, and those manufacturing current-carrying wiring devices in industry 3643.

362 ELECTRICAL INDUSTRIAL APPARATUS

3621 Motors and Generators.—Establishments primarily engaged in manufacturing electric motors (except starting motors) and power generators; motor generator sets; railway motors and control equipment; and motors, generators, and control equipment for gasoline, electric, and oil-electric buses and trucks. Establishments primarily engaged in manufacturing turbo-generators are classified in industry 3511, and starting motors and battery charging generators for internal combustion engines in industry 3694.

3622 Industrial Controls.—Establishments primarily engaged in manufacturing motor starters and controllers; control accessories, electronic controls, and other industrial controls. Establishments primarily engaged in manufacturing automatic temperature controls are classified in industry 3822, and industrial process instruments in industry 3823.

3623 Welding Apparatus, Electric.—Establishments primarily engaged in manufacturing electric welding apparatus and accessories. Establishments primarily engaged in coating welding wire from purchased wire or from wire drawn in the same establishment are also included. Establishments primarily engaged

in manufacturing gas welding apparatus are classified in industry 3549, and laser, electron beam, and ultrasonic welding machines and equipment in industry 3662.

3624 Carbon and Graphite Products.—Establishments primarily engaged in manufacturing lighting carbons; carbon, graphite, and metal-graphite brushes and brush stock; carbon or graphite electrodes for thermal and electrolytic uses; and other carbon, graphite, and metal-graphite products.

3629 Electrical Industrial Apparatus, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing industrial and commercial electric apparatus and equipment, not elsewhere classified, such as blasting machines, and fixed and variable capacitors, condensers, and rectifiers for industrial applications. Establishments primarily engaged in manufacturing condensers, capacitors, and rectifiers for electronic end products are classified in SIC group 367.

363 HOUSEHOLD APPLIANCES

3631 Household Cooking Equipment.—Establishments primarily engaged in manufacturing household cooking equipment, such as stoves, ranges, and ovens, including both electric and nonelectric types. Establishments primarily engaged in manufacturing household cooking appliances, such as hot plates, grills, percolators, and toasters, are classified in industry 3634. Establishments primarily engaged in manufacturing commercial cooking equipment are classified in industry 3589.

3632 Household Refrigerators and Home and Farm Freezers.—Establishments primarily engaged in manufacturing household refrigerators and home and farm freezers. Establishments primarily engaged in manufacturing commercial and industrial refrigeration equipment, packaged room coolers, and all refrigeration compressor and condenser units are classified in industry 3585, and room dehumidifiers are classified in industry 3634.

3633 Household Laundry Equipment.—Establishments primarily engaged in manufacturing laundry equipment, such as washing machines, wringers, driers, and ironers, for household use. This industry also includes coin-operated washers and driers. Establishments primarily engaged in manufacturing commercial laundry equipment are classified in industry 3582.

3634 Electric Housewares and Fans.—Establishments primarily engaged in manufacturing electric housewares

for heating, cooking, and other purposes; and electric fans, including ventilating and exhaust household-type fans. Important products of this industry include electric air heaters, electrically heated bed coverings, blenders, broilers, deep-fat fryers, flat irons, food mixers, hot plates, percolators and coffeemakers, roasters, toasters, desk and bracket fans, hassock or floor fans, window-type propeller fans, roll-about fans and household and kitchen ventilating and exhaust fans. Establishments primarily engaged in manufacturing industrial and commercial blowers, industrial and commercial exhaust and ventilating fans, and attic fans are classified in industry 3564.

3635 Household Vacuum Cleaners.—Establishments primarily engaged in manufacturing vacuum cleaners for household use. Establishments primarily engaged in manufacturing vacuum cleaners for industrial use are classified in industry 3589, and built-in vacuum cleaner systems in industry 1796.

3636 Sewing Machines.—Establishments primarily engaged in manufacturing sewing machines for domestic and industrial use.

3639 Household Appliances, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing household appliances, not elsewhere classified, such as water heaters, dishwashers, and food waste disposal units.

364 ELECTRIC LIGHTING AND WIRING EQUIPMENT

3641 Electric Lamps.—Establishments primarily engaged in manufacturing electric bulbs, tubes, and related light sources. Important products of this industry include incandescent filament lamps, vapor and fluorescent lamps, photoflash and photoflood lamps, electrotherapeutic lamp units for ultra-violet and infra-red radiation, and other electric light sources. Establishments primarily engaged in manufacturing glass blanks for bulbs are classified in industry 3229; and lamp components, such as supports, filaments, lead-in wires, and cold cathode fluorescent lamp electrodes, in industry 3699.

3643 Current-Carrying Wiring Devices.—Establishments primarily engaged in manufacturing current-carrying wiring devices. Important products of this industry include attachment plugs and caps, convenience outlets, lamp sockets and receptacles, snap switches, conductor connectors, overhead trolley line material, rail bonds for both propulsion and signal circuits, lightning arrestors, and other lightning protective equipment.

3644 Noncurrent-Carrying Wiring Devices.—Establishments primarily engaged in manufacturing noncurrent-carrying wiring devices. Important products of this industry include conduits and fittings; electrical insulators and insulation materials, except porcelain insulators (industry 3264) and glass insulators (industry 3229); outlet, switch and fuse boxes; and pole line hardware.

3645 Residential Electric Lighting Fixtures.—Establishments primarily engaged in manufacturing residential electric lighting fixtures and equipment, fixed or portable. Establishments primarily engaged in producing glassware for lighting fixtures are classified in SIC Major Group 32; electric light bulbs, tubes, and related light sources in industry 3641; lamp shades, except glass and metal in industry 3999; and non-electric fixtures and portable electric flashlights, lanterns, and similar lamps in industry 3648.

3646 Commercial, Industrial, and Institutional Electric Lighting Fixtures.—Establishments primarily engaged in manufacturing commercial, industrial, and institutional electric lighting fixtures. Establishments primarily engaged in producing glassware for lighting fixtures are classified in SIC Major Group 32; residential lighting fixtures in industry 3645; and vehicular lighting fixtures in industry 3647.

3647 Vehicular Lighting Equipment.—Establishments primarily engaged in manufacturing vehicular lighting equipment.

3648 Lighting Equipment, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing lighting fixtures and equipment, electric and non-electric, not elsewhere classified, including flashlights and similar portable lamps, searchlights, ultraviolet lamp fixtures, and infra-red lamp fixtures. Establishments primarily engaged in manufacturing electric light bulbs, tubes, and related light sources are classified in industry 3641, and those producing glassware for lighting fixtures are classified in SIC Major Group 32.

365 RADIO AND TELEVISION RECEIVING EQUIPMENT, EXCEPT COMMUNICATION TYPES

3651 Radio and Television Receiving Sets, Except Communication Types.—Establishments primarily engaged in manufacturing electronic equipment for home entertainment, including auto radios and tape players. This industry also includes establishments primarily engaged in manufacturing public address systems and music distribution apparatus. Establishments primarily engaged in manufacturing phonograph records and prerecorded tape are classified in

industry 3652. Establishments primarily engaged in manufacturing separate cabinets for home electronic equipment are classified in SIC Major Group 25.

3652 Phonograph Records and Prerecorded Magnetic Tape.—Establishments primarily engaged in manufacturing phonograph records and prerecorded magnetic tape. Establishments primarily engaged in manufacturing electronic equipment for home entertainment, except records and prerecorded magnetic tape, are classified in industry 3651.

366 COMMUNICATION EQUIPMENT

3661 Telephone and Telegraph Apparatus.—Establishments primarily engaged in manufacturing wire telephone and telegraph equipment and parts especially designed for telephone and telegraph use.

3662 Radio and Television Transmitting, Signaling, and Detection Equipment and Apparatus.—Establishments primarily engaged in manufacturing (1) radio and television broadcasting equipment; (2) electric communication equipment and parts, except telephone and telegraph; (3) electronic field detection apparatus, light and heat emission operating apparatus, object detection apparatus and navigational electronic equipment, and aircraft and missile control systems; (4) high-energy particle accelerator systems and equipment designed and sold as a complete package for radiation therapy, irradiation, radiographic inspection, and research (linear accelerators, betatrons, dynamotrons, Vandergraff generators, resonant transformers, insulating core transformers, etc.); (5) high-energy particle electronic equipment and accessories sold separately for the construction of linear accelerators, cyclotrons, synchrotrons, and other high-energy research installations (transmitters/modulators, accelerating waveguide structures, pulsed electron guns, vacuum systems, cooling systems, etc.); and (6) other electric and electronic communication and signaling products, not elsewhere classified. Establishments primarily engaged in manufacturing transmitting tubes are classified in industry 3673.

367 ELECTRONIC COMPONENTS AND ACCESSORIES

3671, 3672, and 3673 Electron Tubes, All Types.—This industry comprises establishments primarily engaged in the manufacture of receiving type electron tubes for radio and television use, including cathode ray tubes; and transmitting, industrial, and special purpose electron tubes. Establishments primarily engaged in the manufacture of X-ray tubes are classified in industry 3693.

It was necessary to combine industry 3671, Radio and Television Type Electronic Tubes, Except Cathode Ray; 3672, Cathode Ray Television

Picture Tubes; and 3673, Transmitting, Industrial, and Special Purpose Electron Tubes to avoid disclosing the operation of individual companies.

3674 Semiconductors and Related Devices.—Establishments primarily engaged in manufacturing semiconductor and related solid state devices, such as semiconductor diodes and stacks, including rectifiers, integrated microcircuits (semiconductor networks), transistors, solar cells, and light sensing and emitting semiconductor (solid state) devices.

3675 Electronic Capacitors.—Establishments primarily engaged in manufacturing electronic capacitors.

3676 Resistors, for Electronic Applications.—Establishments primarily engaged in manufacturing resistors for electronic end products. Establishments primarily engaged in manufacturing resistors for telephone and telegraph apparatus are classified in industry 3661.

3677 Electronic Coils, Transformers and Other Inductors.—Establishments primarily engaged in manufacturing electronic coils, transformers, and inductors. Establishments primarily engaged in manufacturing transformers and inductors for telephone and telegraph apparatus are classified in industry 3661; electric lamps in industry 3641; and semiconductor (solid state) and related devices in industry 3674.

3678 Connectors, for Electronic Applications.—Establishments primarily engaged in manufacturing electronic connectors. Establishments primarily engaged in manufacturing electronic capacitors are classified in industry 3675; and electronic coils, transformers, and other inductors in industry 3677.

3679 Electronic Components, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing electronic components, not elsewhere classified, such as receiving antennas, printed circuits, switches, and wave guides.

369 MISCELLANEOUS ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES

3691 Storage Batteries.—Establishments primarily engaged in manufacturing storage batteries.

3692 Primary Batteries, Dry and Wet.—Establishments primarily engaged in manufacturing primary batteries, dry or wet.

3693 Radiographic X-ray, Fluoroscopic X-ray, Therapeutic X-ray, and Other X-ray Apparatus and Tubes; Electromedical and Electrotherapeutic Apparatus.—Establishments primarily engaged in manufacturing

radiographic X-ray, fluoroscopic X-ray, and therapeutic X-ray apparatus and tubes for medical, industrial, research and control applications. This industry also includes establishments primarily engaged in manufacturing electromedical and electrotherapeutic apparatus except electrotherapeutic lamp units for ultra-violet and infra-red radiation (industry 3641). Establishments primarily engaged in manufacturing electronic tubes, except X-ray, are classified in industry 3671.

3694 Electrical Equipment for Internal Combustion Engines.—Establishments primarily engaged in manufacturing electrical equipment for internal combustion engines. Important products of this industry include armatures, starting motors, alternators, and generators for automobiles and aircraft; and ignition apparatus for internal combustion engines, including spark plugs, magnetos, coils, and distributors.

3699 Electrical Machinery, Equipment, and Supplies, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing electrical machinery, equipment, and supplies, not elsewhere classified, such as appliance and extension cords, bells and chimes, and insect traps.

37 TRANSPORTATION EQUIPMENT

This major group includes establishments engaged in manufacturing equipment for transportation of passengers and cargo by land, air, and water. Important products produced by establishments classified in this major group include motor vehicles, aircraft, guided missiles and space vehicles, ships, boats, railroad equipment, and miscellaneous transportation equipment, such as motorcycles, bicycles, and snowmobiles. Establishments primarily engaged in manufacturing mobile homes are classified in industry 2451.

371 MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT

3711 Motor Vehicles and Car Bodies.—This industry comprises establishments primarily engaged in the manufacture of passenger cars, passenger car bodies, trucks, buses, and wheeled combat vehicles. Complete car chassis and complete truck chassis, with or without cab, are also included in this industry. Establishments primarily engaged in the manufacture of trucks or buses on purchased chassis are classified in industry 3713; tanks, self-propelled weapons, and other military vehicles in industry 3795; and motor homes produced on purchased chassis in industry 3716.

3713 Truck and Bus Bodies.—Establishments primarily engaged in manufacturing truck and bus bodies for sale separately or for assembly on purchased chassis. Establishments primarily engaged in manufacturing complete trucks and buses are classified in industry 3711, stamped body parts for trucks and buses in industry 3465, and truck trailers and demountable cargo containers in industry 3715.

3714 Motor Vehicle Parts and Accessories.—Establishments primarily engaged in manufacturing motor vehicle parts and accessories, but not engaged in manufacturing complete motor vehicles or passenger car bodies. Establishments primarily engaged in manufacturing or assembling complete automobiles and trucks are classified in industry 3711, tires and tubes in industry 3011, automobile glass in SIC Major Group 32, automobile stampings in industry 3465, ignition systems in industry 3694, storage batteries in industry 3691, and carburetors, pistons, rings, and valves in industry 3592.

3715 Truck Trailers.—Establishments primarily engaged in manufacturing truck trailers, truck trailer chassis for sale separately, detachable trailer bodies (cargo containers) for sale separately, and detachable trailer (cargo container) chassis for sale separately.

3716 Motor Homes Produced on Purchased Chassis.—This industry comprises establishments primarily engaged in the manufacture of motor homes produced on purchased chassis. Establishments primarily engaged in the manufacture of motor homes produced on chassis of own manufacture are classified in industry 3711.

372 AIRCRAFT AND PARTS

3721 Aircraft.—Establishments primarily engaged in manufacturing or assembling complete aircraft. This industry also includes establishments primarily engaged in research and development on aircraft or in factory-type aircraft modification on a contract or fee basis. Establishments primarily engaged in manufacturing engines, propellers, and other aircraft parts and auxiliary equipment are classified in industries 3724 and 3728; and those producing guided missiles and space vehicles and parts are classified in SIC group 376.

3724 Aircraft Engines and Engine Parts.—Establishments primarily engaged in manufacturing aircraft engines and engine parts. Research and development on aircraft engines is included in this industry. Establishments primarily engaged in manufacturing guided missile and space vehicle propulsion units and parts are classified in industry 3764.

3728 Aircraft Parts and Auxiliary Equipment, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing aircraft parts and auxiliary equipment, not elsewhere classified. Research and development on aircraft parts is included in this industry. Establishments primarily engaged in manufacturing or assembling complete aircraft are classified in industry 3721, aircraft engines and parts in industry 3724, aeronautical instruments in industry 3811, aeronautical electrical equipment in industry 3694, and guided missile and space vehicle parts and auxiliary equipment in industry 3769.

373 SHIP AND BOAT BUILDING AND REPAIRING

3731 Ship Building and Repairing.—Establishments primarily engaged in building and repairing all types of ships, barges, and lighters, whether propelled by sail or motor power or towed by other craft. This industry also includes the conversion and alteration of ships. Establishments primarily engaged in fabricating structural assemblies or components for ships, or subcontractors engaged in ship painting, joinery, carpentry work, electrical wiring installation, etc., are classified in other industries.

3732 Boat Building and Repairing.—Establishments primarily engaged in building and repairing all types of boats. Establishments primarily engaged in cleaning and storing boats and in the rental of dock space and yacht clubs are classified in nonmanufacturing industries. Establishments primarily engaged in manufacturing rubber and nonrigid plastic boats are classified in SIC Major Group 30.

374 RAILROAD EQUIPMENT

3743 Railroad Equipment.—Establishments primarily engaged in building and rebuilding locomotives (including frames and parts, not elsewhere classified) of any type or gage; and railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service. This industry also includes establishments primarily engaged in manufacturing trackless trolley buses. Establishments primarily engaged in manufacturing mining cars are classified in industry 3532. Repair shops, owned and operated by railroads or local transit companies, rebuilding or repairing locomotives or cars, or building new locomotives or cars for their own account, are classified in SIC Major Groups 40 and 41.

375 MOTORCYCLES, BICYCLES, AND PARTS

3751 Motorcycles, Bicycles, and Parts.—Establishments primarily engaged in manufacturing motorcycles, bicycles, and similar equipment and parts. Establishments primarily engaged in assembling motorcycles or bicycles from purchased parts are also included in this industry. Establishments primarily engaged in manufacturing children's vehicles, except bicycles, are classified in industry 3944. Establishments primarily engaged in manufacturing golf carts and other similar personnel carriers are classified in industry 3799.

376 GUIDED MISSILES AND SPACE VEHICLES AND PARTS

3761 Guided Missiles and Space Vehicles.—Establishments primarily engaged in manufacturing complete guided missiles and space vehicles. Research and development and other services on or for guided missiles and space vehicles are included in this industry. Establishments primarily engaged in manufacturing guided missile and space vehicle propulsion units and propulsion unit parts are classified in industry 3764; space satellite and guided missile and space vehicle airborne and ground guidance, checkout, and launch electronic systems and components in industry 3662; and guided missile and space vehicle airframes, nose cones, and space capsules in industry 3769.

3764 Guided Missile and Space Vehicle Propulsion Units and Propulsion Unit Parts.—Establishments primarily engaged in manufacturing guided missile propulsion units and propulsion unit parts. Research and development on guided missile and space vehicle propulsion units and propulsion unit parts is also included in this industry.

3769 Guided Missile and Space Vehicle Parts and Auxiliary Equipment, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing guided missile and space vehicle parts and auxiliary equipment, not elsewhere classified. Research and development on guided missile and space vehicle parts and auxiliary equipment, not elsewhere classified, is also included in this industry. Establishments primarily engaged in manufacturing navigational and guidance systems are classified in industry 3662.

379 MISCELLANEOUS TRANSPORTATION EQUIPMENT

3792 Travel Trailers and Campers.—Establishments primarily engaged in manufacturing travel trailers for attachment to passenger cars or other vehicles, pickup coaches (campers) or caps (covers) for mounting on pickup trucks and self-contained

motor homes. Travel trailers are generally 35 feet long or less, 8 feet wide or less, and have storage facilities for water and waste. Establishments primarily engaged in manufacturing mobile homes are classified in industry 2451.

3795 Tanks and Tank Components.—Establishments primarily engaged in manufacturing or assembling complete tanks and specialized components for tanks. Establishments primarily engaged in manufacturing military vehicles other than tanks are classified in SIC group 371, and tank engines in industry 3519.

3799 Transportation Equipment, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing transportation equipment, not elsewhere classified. Establishments primarily engaged in manufacturing industrial trucks, tractors, trailers, and stackers are classified in industry 3537, and children's vehicles, except bicycles, in industry 3944.

38 MEASURING, ANALYZING, AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC, MEDICAL, AND OPTICAL GOODS; WATCHES AND CLOCKS

This major group includes establishments engaged in manufacturing instruments (including professional and scientific) for measuring, testing, analyzing, and controlling, and their associated sensors and accessories; optical instruments and lenses; surveying and drafting instruments; surgical, medical, and dental instruments, equipment, and supplies; ophthalmic goods; photographic equipment and supplies; and watches and clocks.

381 ENGINEERING, LABORATORY, SCIENTIFIC, AND RESEARCH INSTRUMENTS AND ASSOCIATED EQUIPMENT

3811 Engineering, Laboratory, Scientific, and Research Instruments and Associated Equipment.—Establishments primarily engaged in manufacturing engineering, laboratory, and scientific instruments, including nautical, navigational, aeronautical, surveying, and drafting equipment and instruments for laboratory work and scientific research (except optical instruments—industry 3832). Establishments primarily engaged in manufacturing surgical and medical instruments are classified in industry 3841; dental instruments and equipment in industry 3843; measuring, analyzing, and controlling instruments, including instruments for measuring electrical quantities and characteristics, in SIC group 382; watches and clocks in industry 3873; machinists' precision measuring tools in industry 3545; and measuring and dispensing pumps in industry 3586.

382 MEASURING AND CONTROLLING INSTRUMENTS

3822 Automatic Controls for Regulating Residential and Commercial Environments and Appliances.—Establishments primarily engaged in manufacturing temperature and related controls for heating and air-conditioning installations and refrigeration applications, which are electrically, electronically, or pneumatically actuated, and which measure and control variables, such as temperature and humidity; and automatic regulators used as components of household appliances. Establishments primarily engaged in manufacturing industrial process controls are classified in industry 3823; motor control switches in industry 3622, switches for household appliances in industry 3643, and appliance timers in industry 3873.

3823 Industrial Instruments for Measurement, Display, and Control of Process Variables; and Related Products.—Establishments primarily engaged in manufacturing industrial instruments and related products for measuring, displaying (indicating and/or recording), transmitting, and controlling process variables in manufacturing, energy conversion, and public service utilities. These instruments operate mechanically, pneumatically, electronically, or electrically to measure process variables, such as temperature, humidity, pressure, vacuum, combustion, flow, level, viscosity, density, acidity, alkalinity, specific gravity, gas and liquid concentration, sequence, time interval, mechanical motion, and rotation. Establishments primarily engaged in manufacturing electrical integrating meters are classified in industry 3825; residential and commercial comfort controls in industry 3822; all liquid-in-glass and bimetal thermometers and glass hydrometers in industry 3829; recorder charts in SIC group 275, and optical instruments in industry 3832.

3824 Totalizing Fluid Meters and Counting Devices.—Establishments primarily engaged in manufacturing totalizing (registering) meters, monitoring fluid flows, such as watermeters and gasmeters; and producers of mechanical and electromechanical counters and associated metering devices. Establishments primarily engaged in manufacturing electricity integrating meters and electronic frequency counters are classified in industry 3825; and industrial process instruments in industry 3823.

3825 Instruments for Measuring and Testing of Electricity and Electrical Signals.—Establishments primarily engaged in manufacturing instruments for measuring the characteristics of electricity and electrical signals, such as voltmeters, ammeters, watt-meters, watt-hour meters, demand meters, and equipment for testing the electrical characteristics of electrical, radio, and communication circuits and of internal

combustion engines. Establishments primarily engaged in the manufacturing of electronic check-out, monitoring, evaluating, and other electronic support equipment for electronic navigational, radar, sonar, and other communications systems are classified in industry 3662.

3829 Measuring and Controlling Devices, Not Elsewhere Classified.—Establishments primarily engaged in manufacturing measuring and controlling devices, not elsewhere classified, including testing instruments to determine the physical properties of materials, nuclear instruments, aircraft engine instruments, and liquid-in-glass and bimetal thermometers.

383 OPTICAL INSTRUMENTS AND LENSES

3832 Optical Instruments and Lenses.—Establishments primarily engaged in manufacturing instruments that measure an optical property; apparatus, except photographic, that projects or magnifies, such as binoculars, prisms, and lenses; optical sighting and fire control equipment; and related analytical instruments. Establishments primarily engaged in manufacturing eyeglass lenses, frames, or fittings are classified in industry 3851; separate computers in industry 3573; and electronic tracking and fire control systems in industry 3662.

384 SURGICAL, MEDICAL, AND DENTAL INSTRUMENTS AND SUPPLIES

3841 Surgical and Medical Instruments and Apparatus.—Establishments primarily engaged in manufacturing medical, surgical, ophthalmic, and veterinary instruments and apparatus. Establishments primarily engaged in manufacturing surgical and orthopedic appliances are classified in industry 3842; and electrotherapeutic, electromedical, and X-ray apparatus in industry 3693.

3842 Orthopedic, Prosthetic, and Surgical Appliances and Supplies.—Establishments primarily engaged in manufacturing orthopedic, prosthetic, and surgical appliances and supplies, arch supports, and other foot appliances; fracture appliances, elastic hosiery, abdominal supporters, braces, and trusses; bandages; surgical gauze and dressings; sutures; adhesive tapes and medicated plasters; and personal safety appliances and equipment. Establishments primarily engaged in manufacturing surgical and medical instruments are classified in industry 3841. Establishments primarily engaged in manufacturing appliances and in the personal fitting to the individual prescription of a physician are classified in trade industries.

3843 Dental Equipment and Supplies.—Establishments primarily engaged in manufacturing artificial teeth, dental metals, alloys and amalgams, and a wide variety of equipment, instruments, and supplies used by dentists, dental laboratories, and dental colleges. Dental laboratories constructing artificial dentures, bridges, inlays, and other dental restorations on specifications from dentists are classified in industry 8072.

385 OPHTHALMIC GOODS

3851 Ophthalmic Goods.—Establishments primarily engaged in manufacturing ophthalmic frames, lenses, and sunglass lenses. Establishments primarily engaged in manufacturing slit lamps are classified in industry 3841, and molded glass blanks in industry 3229. Establishments primarily engaged in grinding lenses and fitting glasses to prescription are classified in trade.

386 PHOTOGRAPHIC EQUIPMENT AND SUPPLIES

3861 Photographic Equipment and Supplies.—Establishments primarily engaged in manufacturing (1) photographic apparatus, equipment, parts, attachments, and accessories, such as still and motion picture cameras and projection apparatus; photocopy and microfilm equipment; blueprinting and diazotype (white printing) apparatus and equipment; and other photographic equipment; and (2) sensitized film, paper, cloth, plates, and prepared photographic chemicals for use therewith. Establishments primarily engaged in manufacturing photographic paper stock (unsensitized), and paper mats, mounts, easels, and folders for photographic use are classified in SIC Major Group 26; photographic lenses in industry 3832; photographic glass in SIC Major Group 32; chemicals for technical purposes, not specifically prepared and packaged for use in photography, in SIC Major Group 28; and photographic flash, flood enlarger, and projection lamps in industry 3641.

387 WATCHES, CLOCKS, CLOCKWORK OPERATED DEVICES, AND PARTS

3873 Watches, Clocks, Clockwork Operated Devices, and Parts.—Establishments primarily engaged in manufacturing clocks (including electric), watches, watchcases, mechanisms for clockwork operated devices, and clock and watch parts. This industry includes establishments primarily engaged in assembling clocks and watches from purchased movements and cases. Establishments primarily engaged in manufacturing time clocks are classified in industry 3579,

glass crystals in industry 3231, and unbreakable crystals in industry 3079.

39 MISCELLANEOUS MANUFACTURING INDUSTRIES

This major group includes establishments primarily engaged in manufacturing products not classified in any other manufacturing group. Industries in this group fall into the following categories: Jewelry, silverware and plated ware; musical instruments; toys, sporting and athletic goods; pens, pencils, and other office and artists' materials; buttons, costume novelties, miscellaneous notions; brooms and brushes; caskets; and other miscellaneous manufacturing industries.

391 JEWELRY, SILVERWARE, AND PLATED WARE

3911 Jewelry, Precious Metal.—Establishments primarily engaged in manufacturing jewelry and other articles worn on or carried about the person, made of precious metals with or without stones (including the setting of stones where used), including cigarette cases and lighters, vanity cases and compacts; trimmings for umbrellas and canes; and jewel settings and mountings. Establishments primarily engaged in manufacturing costume jewelry from nonprecious metals and other materials are classified in industry 3961.

3914 Silverware, Plated Ware, and Stainless Steel Ware.—Establishments primarily engaged in manufacturing flatware (including knives, forks, and spoons), hollowware, toiletware, ecclesiastical ware, and related products made of sterling silver; of metal plated with silver, gold, or other metal; of nickel silver; of pewter; or of stainless steel.

3915 Jewelers' Findings and Materials, and Lapidary Work.—Establishments primarily engaged in manufacturing unassembled jewelry parts, and stock shop products, such as sheet, wire, and tubing; and establishments of lapidaries primarily engaged in cutting, slabbing, tumbling, carving, engraving, polishing, or faceting stones from natural or manmade precious or semiprecious gem raw materials, either for sale or on a contract basis for the trade; in recutting, repolishing, and setting gem stones; or in cutting, drilling, and otherwise preparing jewels for instruments, dies, watches, chronometers, and other industrial uses. This industry includes the drilling, sawing, and peeling of real or cultured pearls, but does not include the manufacture of artificial pearls (industry 3961).

393 MUSICAL INSTRUMENTS

- 3931 Musical Instruments.**—Establishments primarily engaged in manufacturing pianos, with or without player attachments; organs; other musical instruments; and parts and accessories for musical instruments.

394 TOYS AND AMUSEMENT, SPORTING, AND ATHLETIC GOODS

- 3942 Dolls.**—Establishments primarily engaged in manufacturing dolls, doll parts, and doll clothing. Establishments primarily engaged in manufacturing stuffed toy animals are also included in this industry.

- 3944 Games, Toys, and Children's Vehicles; Except Dolls and Bicycles.**—Establishments primarily engaged in manufacturing games and game sets for adults and children, and mechanical and nonmechanical toys. Important products of this industry include games, such as chess, checkers, dominoes, puzzles, and other indoor games; and toys, such as toy furniture, doll carriages and carts, construction sets, mechanical trains, toy guns and air rifles, and other mechanical games and toys; baby carriages and strollers; children's velocipedes and tricycles, coaster wagons, play cars, sleds, and other children's outdoor wheel goods and vehicles, except bicycles (industry 3751). Establishments primarily engaged in manufacturing dolls are classified in industry 3942; and sporting and athletic goods for children and adults in industry 3949.

- 3949 Sporting and Athletic Goods, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing sporting and athletic goods, not elsewhere classified, such as fishing tackle; golf and tennis goods; baseball, football, basketball, and boxing equipment; roller skates and ice skates; gymnasium and playground equipment; billiard and pool tables; and bowling alleys and equipment. Establishments primarily engaged in manufacturing athletic apparel are classified in SIC Major Group 23, small arms ammunition in industry 3482, and firearms in industry 3484.

395 PENS, PENCILS, AND OTHER OFFICE AND ARTISTS' MATERIALS

- 3951 Pens, Mechanical Pencils, and Parts.**—Establishments primarily engaged in manufacturing pens, pen points, fountain pens, ballpoint pens, refill cartridges, porous-tipped felt tip markers, and parts.

- 3952 Lead Pencils, Crayons, and Artists' Materials.**—Establishments primarily engaged in manufacturing lead pencils, pencil leads, and crayons; and materials and equipment for artwork, such as airbrushes, drawing tables and boards, palettes, sketch boxes, pantographs, artists' colors and waxes, pyrography goods, drawing inks, and drafting materials. Establishments primarily engaged in manufacturing mechanical pencils are classified in industry 3951, and drafting instruments in industry 3811.

- 3953 Marking Devices.**—Establishments primarily engaged in manufacturing rubber and metal hand stamps, dies, and seals; steel letters and figures; and stencils for use in painting or marking. Establishments primarily engaged in manufacturing felt tip markers are classified in industry 3951.

- 3955 Carbon Paper and Inked Ribbons.**—Establishments primarily engaged in manufacturing carbon paper for business machines, sales books, etc.; spirit or gelatin process and other stencil paper; and inked or carbon ribbons for business machines.

396 COSTUME JEWELRY, COSTUME NOVELTIES, BUTTONS, AND MISCELLANEOUS NOTIONS, EXCEPT PRECIOUS METAL

- 3961 Costume Jewelry and Costume Novelties, Except Precious Metal.**—Establishments primarily engaged in manufacturing costume jewelry, costume novelties, and ornaments made of all materials, except precious metal, precious or semiprecious stones, and rolled gold plate and gold filled materials (industry 3911).

- 3962 Feathers, Plumes, and Artificial Trees and Flowers.**—Establishments primarily engaged in manufacturing artificial trees (including Christmas trees), flowers, fruits, and foliage made from all materials, except glass; in producing fancy feathers, plumes, and articles made principally of feathers and plumes. Establishments primarily engaged in manufacturing artificial flowers, fruits, and foliage from glass are classified in industry 3231.

- 3963 Buttons.**—Establishments primarily engaged in manufacturing buttons, button parts, and button blanks and molds, of all materials, except precious metal, and precious or semiprecious stones (industry 3911).

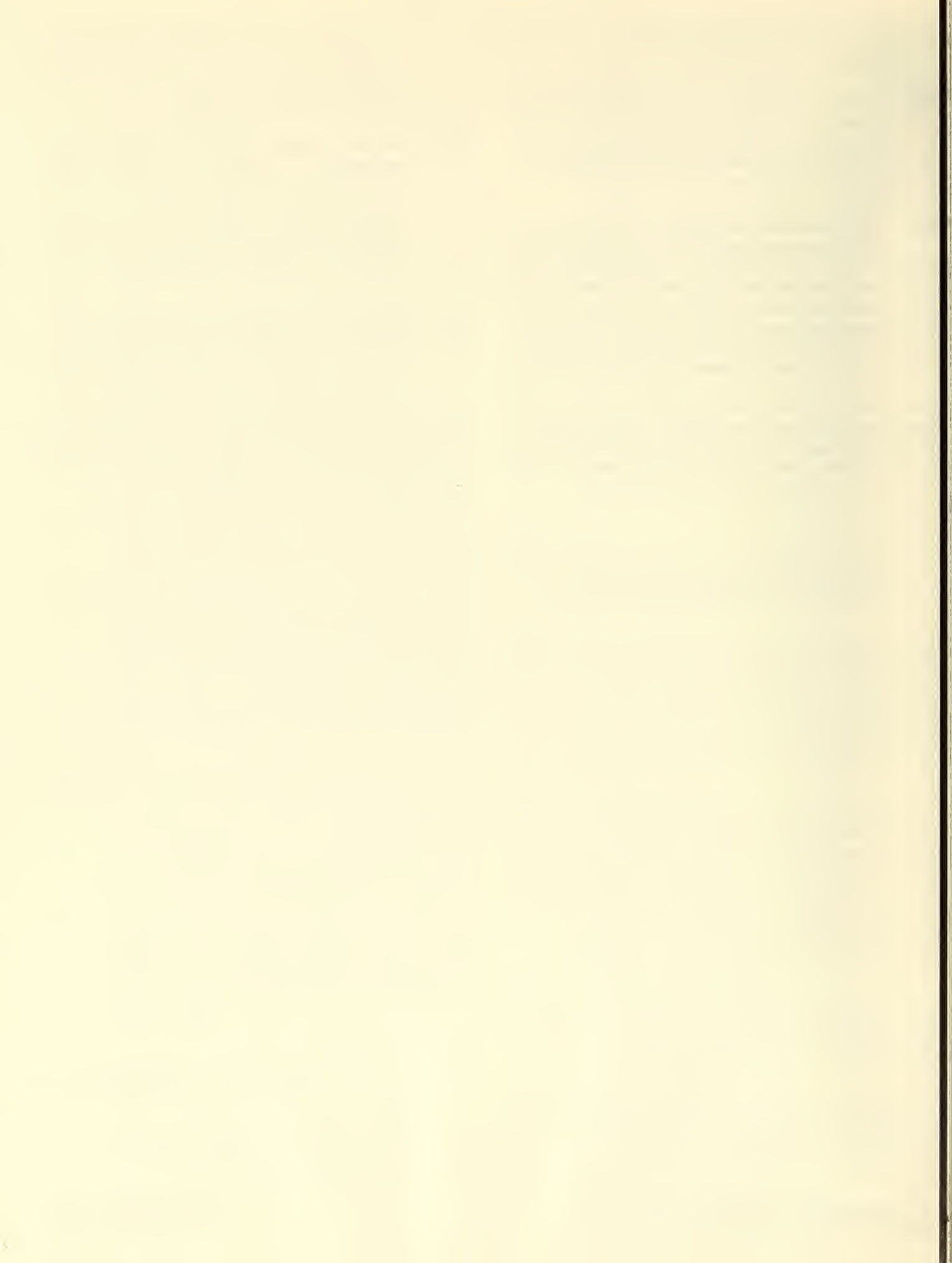
- 3964 Needles, Pins, Hooks and Eyes, and Similar Notions.**—Establishments primarily engaged in manufacturing notions, such as machine and hand needles, pins, hooks and eyes, eyelets, buckles, and slide and snap fasteners.

399 MISCELLANEOUS MANUFACTURING INDUSTRIES

- 3991 Brooms and Brushes.**—Establishments primarily engaged in manufacturing household, industrial, and street sweeping brooms; and brushes, such as paint-brushes, toothbrushes, toilet brushes, and household and industrial brushes.
- 3993 Signs and Advertising Displays.**—Establishments primarily engaged in manufacturing electrical, mechanical, cutout, or plate signs and advertising displays, including neon signs and advertising novelties. Sign painting shops doing business on a custom basis are classified in industry 7399. Establishments primarily engaged in manufacturing electric signal equipment are classified in industry 3662, and commercial lighting fixtures in industry 3646.
- 3995 Burial Caskets.**—Establishments primarily engaged in manufacturing burial caskets and cases, including shipping cases of wood or other material, except

concrete. Establishments primarily engaged in producing other goods for use by morticians are classified on the basis of the product, such as burial garments in SIC Major Group 23.

- 3996 Linoleum, Asphalted-Felt-Base, and Other Hard Surface Floor Coverings, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing linoleum, asphalted-felt-base, and other hard surface floor coverings, not elsewhere classified. Establishments primarily engaged in manufacturing rubber floor coverings are classified in industry 3069, and cork floor and wall tile in industry 2499.
- 3999 Manufacturing Industries, Not Elsewhere Classified.**—Establishments primarily engaged in manufacturing miscellaneous fabricated products, including beauty shop and barber shop equipment; hair work; tobacco pipes and cigarette holders; coin-operated amusement machines; matches; candles; lampshades; dressed and dyed furs; umbrellas; parasols and canes; and other articles, not elsewhere classified.



APPENDIX D.

Reporting Forms

This appendix contains reproductions of a representative selection of reporting forms used in the 1982 Economic Censuses, with emphasis on the census of manufactures.

These forms are described in the Introduction.

FORM NC-9901 (Items 1-4)
(2-18-82)U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS1982 ECONOMIC CENSUSES
REPORT OF ORGANIZATION

NOTICE - Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report please refer to this CENSUS FILE NUMBER (CFN)

| Unit | Item/line | Unit | Item/line | Unit | Item/line |
|------|-----------|------|-----------|------|-----------|
| | | | | | |
| | | | | | |

(Please correct any errors in name and address including ZIP code)

| | | |
|-----|-----|-----|
| ACT | CCS | DOC |
|-----|-----|-----|

Important — Please read

Please complete this report by February 15, 1983 and

RETURN ORIGINAL COPY TO —

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, Indiana 47134

NOTE - Shaded boxes are for Bureau of the Census use only

Item 1 - CERTIFICATION

| | | | | |
|---|---|-----------|--------|-----------|
| Name of person to contact regarding this report | Address (if different from above address) | Telephone | | |
| | | Area code | Number | Extension |
| This report is substantially accurate. | | | | |
| Signature of authorized person | | Title | | Date |

Item 2 - COMPANY OWNERSHIP OR CONTROL

2a. Does another U.S. (domestic) company own more than 50 percent of the voting stock of your company OR have the power to control the management and policies of your company?

1 ☐ YES - Enter the following information on the owning or controlling company and go to Item 2b.2 ☐ NO - Go to Item 2b

| | | |
|---------------------------------------|--|---|
| Name of owning or controlling company | Home office address (Number and street, city, State, and ZIP code) | Employer Identification Number of owning or controlling company |
| | | |

Percent of voting stock owned - Mark (X) one → 1 ☐ Less than 50% 2 ☐ 50% 3 ☐ More than 50%

2b. Does a foreign entity (company, individual, government, etc.) own directly or indirectly 10 percent or more of the voting stock or other equity rights of your company?

1 ☐ YES - Enter the following information on the owning entity and go to item 3.2 ☐ NO - Go to Item 3

| | |
|----------------------------------|--|
| Name of foreign beneficial owner | Home office address (Number and street, city, country) |
| | |

Percent of ownership - Mark (X) one → 1 ☐ Less than 10% 2 ☐ 10-24% 3 ☐ 25-49% 4 ☐ 50% 5 ☐ 51-99% 6 ☐ 100%**Item 3 - FOREIGN AFFILIATES**

Does this enterprise alone, or with its domestic affiliates, own 10 percent or more of the voting stock of an incorporated foreign business enterprise, or an equivalent interest in an unincorporated foreign business enterprise, including ownership of real estate?

1 ☐ YES - Go to Item 42 ☐ NO - Go to Item 4**Item 4 - TYPE OF ORGANIZATION**

4a. Mark (X) the one box which best applies to your organization. Also answer 4b below.

- 1 ☐ Individual proprietorship
 2 ☐ Partnership
 3 ☐ Cooperative association (taxable)
 4 ☐ Cooperative association (tax-exempt)
 5 ☐ Governmental - Specify _____
 6 ☐ Corporation (Do not mark if any form of cooperative association.)
 9 ☐ Other - Specify _____

4b. Was all or part of the income of this organization exempt from Federal income taxes under section 501 or 521 of the Internal Revenue Code for "nonprofit" organizations?

1 ☐ YES2 ☐ NO

1982 ECONOMIC CENSUSES
REPORT OF ORGANIZATIONRefer to this
CENSUS FILE NUMBER
in any correspondence
pertaining to this report

Item 5A - ESTABLISHMENTS OF YOUR COMPANY AND ITS SUBSIDIARIES, AND THEIR 1982 EMPLOYMENT AND PAYROLL

This item should include as up-to-date list of all establishments of your company and its subsidiaries for which separate establishment reports are not required for the 1982 Economic Censuses. Please correct any errors or omissions in the pre-filled information in column (a). Report number of employees and payroll for each establishment (including part-year operation) in column (b). Please do not combine data for establishments. If

book figures are not available for providing employment and payroll data for each establishment, please provide your best estimates. Report status of each establishment as of the end of 1982 in column (c). Please read the definitions and instructions on the reverse side before completing this item.

| Line No. | Employer Identification (EI) Number, establishment name, address of physical location (including ZIP code), and major activity <i>Add store or plant number, if any, and correct any errors or omissions</i> | | 1982 Establishment data | | Status of establishment at end of 1982 | |
|------------------------|---|--------------------|--|-----------------|---|--|
| | (a) | (b) | (c) | | | |
| Key Census use only | EMPLOYER ID NO. | MAJOR ACTIVITY | Employees (during pay period including March 12, 1982) | (Number) | 1 <input type="checkbox"/> In operation 2 <input type="checkbox"/> Idle or inactive (but still owned) → MO. YR. 3 <input type="checkbox"/> Closed (no new owner or operator), dismantled, or destroyed on → 4 <input type="checkbox"/> Sold or leased to another operator - Give date at right AND enter name, etc., below | |
| | NAME | STORE OR PLANT NO. | | | | |
| | NUMBER AND STREET OF PHYSICAL LOCATION | | Payroll for 1st quarter of 1982 before deductions | Mil. Thou. DoL. | NAME OF NEW OWNER OR OPERATOR NUMBER AND STREET CITY STATE ZIP CODE | |
| | CITY | STATE ZIP | Total annual payroll for 1982 before deductions | | | |
| | CENSUS FILE NO. TO IND TAB WT | GEO. SC TE CCS NID | | | | |
| Key Census use only | EMPLOYER ID NO. | MAJOR ACTIVITY | Employees (during pay period including March 12, 1982) | (Number) | 1 <input type="checkbox"/> In operation 2 <input type="checkbox"/> Idle or inactive (but still owned) → MO. YR. 3 <input type="checkbox"/> Closed (no new owner or operator), dismantled, or destroyed on → 4 <input type="checkbox"/> Sold or leased to another operator - Give date at right AND enter name, etc., below | |
| | NAME | STORE OR PLANT NO. | | | | |
| | NUMBER AND STREET OF PHYSICAL LOCATION | | Payroll for 1st quarter of 1982 before deductions | Mil. Thou. DoL. | NAME OF NEW OWNER OR OPERATOR NUMBER AND STREET CITY STATE ZIP CODE | |
| | CITY | STATE ZIP | Total annual payroll for 1982 before deductions | | | |
| | CENSUS FILE NO. TO IND TAB WT | GEO. SC TE CCS NID | | | | |
| Key Census use only | EMPLOYER ID NO. | MAJOR ACTIVITY | Employees (during pay period including March 12, 1982) | (Number) | 1 <input type="checkbox"/> In operation 2 <input type="checkbox"/> Idle or inactive (but still owned) → MO. YR. 3 <input type="checkbox"/> Closed (no new owner or operator), dismantled, or destroyed on → 4 <input type="checkbox"/> Sold or leased to another operator - Give date at right AND enter name, etc., below | |
| | NAME | STORE OR PLANT NO. | | | | |
| | NUMBER AND STREET OF PHYSICAL LOCATION | | Payroll for 1st quarter of 1982 before deductions | Mil. Thou. DoL. | NAME OF NEW OWNER OR OPERATOR NUMBER AND STREET CITY STATE ZIP CODE | |
| | CITY | STATE ZIP | Total annual payroll for 1982 before deductions | | | |
| | CENSUS FILE NO. TO IND TAB WT | GEO. SC TE CCS NID | | | | |
| Key Census use only | EMPLOYER ID NO. | MAJOR ACTIVITY | Employees (during pay period including March 12, 1982) | (Number) | 1 <input type="checkbox"/> In operation 2 <input type="checkbox"/> Idle or inactive (but still owned) → MO. YR. 3 <input type="checkbox"/> Closed (no new owner or operator), dismantled, or destroyed on → 4 <input type="checkbox"/> Sold or leased to another operator - Give date at right AND enter name, etc., below | |
| | NAME | STORE OR PLANT NO. | | | | |
| | NUMBER AND STREET OF PHYSICAL LOCATION | | Payroll for 1st quarter of 1982 before deductions | Mil. Thou. DoL. | NAME OF NEW OWNER OR OPERATOR NUMBER AND STREET CITY STATE ZIP CODE | |
| | CITY | STATE ZIP | Total annual payroll for 1982 before deductions | | | |
| | CENSUS FILE NO. TO IND TAB WT | GEO. SC TE CCS NID | | | | |
| Key Census use only | EMPLOYER ID NO. | MAJOR ACTIVITY | Employees (during pay period including March 12, 1982) | (Number) | 1 <input type="checkbox"/> In operation 2 <input type="checkbox"/> Idle or inactive (but still owned) → MO. YR. 3 <input type="checkbox"/> Closed (no new owner or operator), dismantled, or destroyed on → 4 <input type="checkbox"/> Sold or leased to another operator - Give date at right AND enter name, etc., below | |
| | NAME | STORE OR PLANT NO. | | | | |
| | NUMBER AND STREET OF PHYSICAL LOCATION | | Payroll for 1st quarter of 1982 before deductions | Mil. Thou. DoL. | NAME OF NEW OWNER OR OPERATOR NUMBER AND STREET CITY STATE ZIP CODE | |
| | CITY | STATE ZIP | Total annual payroll for 1982 before deductions | | | |
| | CENSUS FILE NO. TO IND TAB WT | GEO. SC TE CCS NID | | | | |

DEFINITIONS — INSTRUCTIONS

■ **Census File Number** — A Census File Number has been assigned to your company and appears in the upper right-hand corner of each page which contains prelisted information. Always refer to the complete number in any correspondence with the Bureau of the Census in order to expedite a reply.

■ **Employer Identification Number (Employer ID No.)** — The Employer Identification Number is the nine-digit taxpayer identification number assigned by the Internal Revenue Service and used by all business firms and other legal entities to file Federal employment tax returns such as forms 941, 943, or CT-1 and Federal income returns such as forms 1065, 1120, 1120S and 990 series.

■ **Subsidiary** — A company which is owned or controlled by another firm or company. Subsidiaries include firms in which your company owns more than 50 percent of the outstanding voting stock, as well as firms in which your company has the power to direct or cause the direction of the management and policies.

■ **Establishment** — A single physical location where business is conducted or where services are performed.

■ **Number of Employees During the Pay Period Including March 12, 1982** — All full-time and part-time employees on the payroll during the March 12 pay period.

Include salaried officers and executives if a corporation; do not include proprietors or partners if an unincorporated firm.

■ **Payroll** — The gross earnings paid to employees prior to any deductions.

Do not include payments to or withdrawals by proprietors or partners of unincorporated firms.

■ **Banks** — The prelisting of your establishments in Item 5A should include only the Employer Identification Numbers used to report either Federal employment taxes (IRS Form 941) or income (IRS Forms 1065, 1120, and 990). Employer Identification Numbers assigned to trust funds by the bank and reported on IRS Form 1041, U.S. Fiduciary Income Tax Return should not be listed.

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

NOTICE - Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, Indiana 47134

NOTE - Additional copies of this form are available upon request. If you prefer, list additional establishments on your own paper. **BE SURE TO ENTER THE CENSUS FILE NUMBER** in the upper right-hand corner of each additional sheet.

In correspondence pertaining to this report,
please refer to this Census File Number

| | | | | | | |
|------------------------------|----------|-----------|----------|-----------|----------|-----------|
| Approved and initialed | Unit No. | Time code | Unit No. | Time code | Unit No. | Time code |
| | Unit No. | Time code | Unit No. | Time code | Unit No. | Time code |

Please correct errors in name, address and ZIP code. ENTER street and number if not shown.

Item 1 - Does your organization or any of its subsidiaries have any establishments located in the United States or any of its territories which are not accounted for on other report forms in this mailing package?

☐ YES - Go to Item 2
☐ NO - Complete CERTIFICATION on reverse side and return report

Item 2 - LISTING OF ADDITIONAL ESTABLISHMENTS

Column (a) – Complete this column for each establishment that you list.

Column (b) – Mark (X) the box which best describes the principal activity of each establishment using the following code box descriptions:

- | | |
|---|---|
| 1 - Agricultural production | 12 - Transportation, communications, and public utilities |
| 2 - Agricultural services | |
| 3 - Mining | 13 - Legal, educational, or health services |
| 4 - Construction | 14 - Services |
| 5 - Merchant wholesalers | 15 - Auxiliary establishments such as storage warehouses and research laboratories primarily providing service to your own or affiliated company rather than customers or clients |
| 6 - Commission merchant/broker/agent | |
| 7 - Manufacturers' sales branches, manufacturers' sales offices | 16 - Central Administrative Office: accounting, purchasing, legal activities for your own company |
| 8 - Manufacturing | |
| 9 - Finance, insurance, or real estate | 17 - Other - Specify in column (c) below |
| 10 - Retail | |
| 11 - Retail concessions/departments in retail stores | |

Column (c) — List in order of importance the principal products mined or made, kinds of wholesale or retail business; types of services provided; kinds of construction work done, or the types of crops grown or animals raised, etc.

Column (d) – Complete as indicated.

NOTE – Please return this report form whether or not you report additional establishments.

[illegible]

Continued on reverse side

| Item 2 - LISTING OF ADDITIONAL ESTABLISHMENTS - Continued | | | | | |
|--|----|--------|--|--|--|
| Employer Identification (EI) Number, establishment name, your store or plant number, if any, and address of physical location (including ZIP code) | | | Principal activity Mark (X) one box from the above descriptions | Description of products, business, services, etc. List in order of importance | Operating status |
| (a) | | | (b) | (c) | (d) |
| EMPLOYER IDENTIFICATION NUMBER | | | 1 <input type="checkbox"/> 10 <input type="checkbox"/> | | Date establishment opened or is expected to open |
| NAME | | | 2 <input type="checkbox"/> 11 <input type="checkbox"/> | | MONTH YEAR EXPECTED EMPLOYMENT |
| STORE OR PLANT NO. | | | 3 <input type="checkbox"/> 12 <input type="checkbox"/> | | |
| NUMBER AND STREET OF PHYSICAL LOCATION | | | 4 <input type="checkbox"/> 13 <input type="checkbox"/> | | Was this establishment acquired from another company? |
| CITY | | | 5 <input type="checkbox"/> 14 <input type="checkbox"/> | | <input type="checkbox"/> YES <input type="checkbox"/> NO DATE ACQUIRED |
| STATE | | | 6 <input type="checkbox"/> 15 <input type="checkbox"/> | | MONTH YEAR |
| ZIP CODE | | | 7 <input type="checkbox"/> 16 <input type="checkbox"/> | | |
| Census use only | | | 8 <input type="checkbox"/> 17 <input type="checkbox"/> | | NAME AND ADDRESS OF FORMER OWNER OR OPERATOR |
| CENSUS FILE NO. | SC | TO IND | 9 <input type="checkbox"/> | | |
| TAB | WT | CCS | | | |
| | | | | | |
| EMPLOYER IDENTIFICATION NUMBER | | | 1 <input type="checkbox"/> 10 <input type="checkbox"/> | | Date establishment opened or is expected to open |
| NAME | | | 2 <input type="checkbox"/> 11 <input type="checkbox"/> | | MONTH YEAR EXPECTED EMPLOYMENT |
| STORE OR PLANT NO. | | | 3 <input type="checkbox"/> 12 <input type="checkbox"/> | | |
| NUMBER AND STREET OF PHYSICAL LOCATION | | | 4 <input type="checkbox"/> 13 <input type="checkbox"/> | | Was this establishment acquired from another company? |
| CITY | | | 5 <input type="checkbox"/> 14 <input type="checkbox"/> | | <input type="checkbox"/> YES <input type="checkbox"/> NO DATE ACQUIRED |
| STATE | | | 6 <input type="checkbox"/> 15 <input type="checkbox"/> | | MONTH YEAR |
| ZIP CODE | | | 7 <input type="checkbox"/> 16 <input type="checkbox"/> | | |
| Census use only | | | 8 <input type="checkbox"/> 17 <input type="checkbox"/> | | NAME AND ADDRESS OF FORMER OWNER OR OPERATOR |
| CENSUS FILE NO. | SC | TO IND | 9 <input type="checkbox"/> | | |
| TAB | WT | CCS | | | |
| | | | | | |
| EMPLOYER IDENTIFICATION NUMBER | | | 1 <input type="checkbox"/> 10 <input type="checkbox"/> | | Date establishment opened or is expected to open |
| NAME | | | 2 <input type="checkbox"/> 11 <input type="checkbox"/> | | MONTH YEAR EXPECTED EMPLOYMENT |
| STORE OR PLANT NO. | | | 3 <input type="checkbox"/> 12 <input type="checkbox"/> | | |
| NUMBER AND STREET OF PHYSICAL LOCATION | | | 4 <input type="checkbox"/> 13 <input type="checkbox"/> | | Was this establishment acquired from another company? |
| CITY | | | 5 <input type="checkbox"/> 14 <input type="checkbox"/> | | <input type="checkbox"/> YES <input type="checkbox"/> NO DATE ACQUIRED |
| STATE | | | 6 <input type="checkbox"/> 15 <input type="checkbox"/> | | MONTH YEAR |
| ZIP CODE | | | 7 <input type="checkbox"/> 16 <input type="checkbox"/> | | |
| Census use only | | | 8 <input type="checkbox"/> 17 <input type="checkbox"/> | | NAME AND ADDRESS OF FORMER OWNER OR OPERATOR |
| CENSUS FILE NO. | SC | TO IND | 9 <input type="checkbox"/> | | |
| TAB | WT | CCS | | | |
| | | | | | |
| EMPLOYER IDENTIFICATION NUMBER | | | 1 <input type="checkbox"/> 10 <input type="checkbox"/> | | Date establishment opened or is expected to open |
| NAME | | | 2 <input type="checkbox"/> 11 <input type="checkbox"/> | | MONTH YEAR EXPECTED EMPLOYMENT |
| STORE OR PLANT NO. | | | 3 <input type="checkbox"/> 12 <input type="checkbox"/> | | |
| NUMBER AND STREET OF PHYSICAL LOCATION | | | 4 <input type="checkbox"/> 13 <input type="checkbox"/> | | Was this establishment acquired from another company? |
| CITY | | | 5 <input type="checkbox"/> 14 <input type="checkbox"/> | | <input type="checkbox"/> YES <input type="checkbox"/> NO DATE ACQUIRED |
| STATE | | | 6 <input type="checkbox"/> 15 <input type="checkbox"/> | | MONTH YEAR |
| ZIP CODE | | | 7 <input type="checkbox"/> 16 <input type="checkbox"/> | | |
| Census use only | | | 8 <input type="checkbox"/> 17 <input type="checkbox"/> | | NAME AND ADDRESS OF FORMER OWNER OR OPERATOR |
| CENSUS FILE NO. | SC | TO IND | 9 <input type="checkbox"/> | | |
| TAB | WT | CCS | | | |
| | | | | | |
| EMPLOYER IDENTIFICATION NUMBER | | | 1 <input type="checkbox"/> 10 <input type="checkbox"/> | | Date establishment opened or is expected to open |
| NAME | | | 2 <input type="checkbox"/> 11 <input type="checkbox"/> | | MONTH YEAR EXPECTED EMPLOYMENT |
| STORE OR PLANT NO. | | | 3 <input type="checkbox"/> 12 <input type="checkbox"/> | | |
| NUMBER AND STREET OF PHYSICAL LOCATION | | | 4 <input type="checkbox"/> 13 <input type="checkbox"/> | | Was this establishment acquired from another company? |
| CITY | | | 5 <input type="checkbox"/> 14 <input type="checkbox"/> | | <input type="checkbox"/> YES <input type="checkbox"/> NO DATE ACQUIRED |
| STATE | | | 6 <input type="checkbox"/> 15 <input type="checkbox"/> | | MONTH YEAR |
| ZIP CODE | | | 7 <input type="checkbox"/> 16 <input type="checkbox"/> | | |
| Census use only | | | 8 <input type="checkbox"/> 17 <input type="checkbox"/> | | NAME AND ADDRESS OF FORMER OWNER OR OPERATOR |
| CENSUS FILE NO. | SC | TO IND | 9 <input type="checkbox"/> | | |
| TAB | WT | CCS | | | |
| | | | | | |

| | | | | | |
|---------------|--|---|-----------|------------------|-----------|
| Item 3 | Name of person to contact regarding this report | Address (if different from label address) | Area code | Telephone number | Extension |
| CERTIFICATION | This report (including attached continuation pages) is substantially accurate and has been prepared in accordance with instructions. | | | | |
| | Signature of authorized person | | Title | | Date |

FORM NC-9920



DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

FORM

NC-9923

1982 ECONOMIC CENSUSES

GENERAL SCHEDULE

O.M.B. APPROVAL NO. 0607-0403 EXPIRES 12/83

NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

Please complete this form and RETURN TO

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, Indiana 47134

In correspondence pertaining to this report, please refer to this Census File Number (CFN)

Employer Identification (EI) Number

NC-9923

DUE DATE: 15 DAYS AFTER RECEIPT

The Bureau of the Census is now updating the industrial classifications and physical locations of organizations in the United States. Please answer the questions on this form and return it in the enclosed envelope within 15 days.

NOTE — Please read the accompanying instructions before answering the questions.

Please correct errors in name, address, and ZIP code. ENTER street and number if not shown.

Item 1 — EMPLOYER IDENTIFICATION NUMBER

Is the Employer Identification (EI) Number shown in the label the SAME as that used for this establishment on its latest 1982 Employer's Quarterly Federal Tax Return, Treasury Form 941?

094

1 ☐ YES

2 ☐ NO — Enter current EI Number →

(9 digits)

Item 2 — PHYSICAL LOCATION OF ESTABLISHMENT

Answer items a, b, c, and d

NOTE: P.O. boxes or rural routes are not physical locations.

a. ☐ Same as shown in mailing label. If different, indicate change.

NUMBER AND STREET

CITY, TOWN, VILLAGE, ETC.

STATE

ZIP CODE

b. Is this establishment physically located inside the legal boundaries of the city, town, village, etc.?

095 1 ☐ YES

2 ☐ NO

3 ☐ No legal boundaries

4 ☐ Don't know

c. Type of municipality where physically located

096 1 ☐ City, village, or borough

2 ☐ Town or township

3 ☐ Other or don't know

d. Name of county where physically located

HOW TO REPORT DOLLAR FIGURES

Value figures may be reported in dollars or rounded to thousands.

Example: If a figure is \$1,125,628, report either

• Preferred
Acceptable

| Mil- lions (000) | Thou- sands (000) | Dol- lars (000) |
|------------------------|-------------------------|-----------------------|
| 1 | 126 | |
| 1 | 125 | 628 |

Item 3 — DOLLAR VOLUME OF BUSINESS IN 1982

Mil. Thou. Dol.

010

Sales of merchandise and other operating receipts/revenues EXCLUDING sales (or other) taxes collected

Item 4 — SOURCE OF SALES, RECEIPTS, OR REVENUE

List below the principal lines of merchandise sold, construction work done, products produced or services provided, and indicate the approximate percentage each was of the total dollar volume of business in 1982 as reported in item 3 (e.g., gasoline 85%, auto repairs 10%, oil 5%).

| Source | Percent |
|----------------------------------|--------------|
| | % |
| | % |
| | % |
| | % |
| | % |
| TOTAL — Should equal 100% | 100 % |

Item 5 — CLASS OF CUSTOMER

To whom do you sell most of your products or provide your services?

To the general public (household consumers and individuals)..... 1 ☐
To retail or wholesale establishments..... 2 ☐
To construction contractors..... 3 ☐

To institutional, industrial, commercial, professional, government, or farm users..... 4 ☐

Other customers — Specify..... 5 ☐

PENALTY FOR FAILURE TO REPORT

CONTINUE ON PAGE 2 →

Item 6 — BUSINESS OR ACTIVITY

Mark (X) the **ONE** box which best describes the **PRINCIPAL** activity of this establishment in 1982.

070

8811002 ☐ **Private household** (employing domestic help, e.g., cooks, maids, gardeners, secretaries, etc.)

RETAIL TRADE (R)

5813001 ☐ Bar or tavern
 5912100 ☐ Drug store (prescriptions filled)
 5541107 ☐ Gasoline service station
 5411103 ☐ Grocery store
 5251004 ☐ Hardware store
 5921002 ☐ Liquor store
 5511001 ☐ New car dealer
 5812102 ☐ Restaurant (full service)
 5812409 ☐ Restaurant (limited menu, e.g., fast food)
 5521000 ☐ Used car dealer
 5931308 ☐ Used merchandise store
 9999996 ☐ Other kind of retail business — *Specify type*

SERVICE (S)

8931008 ☐ Accounting, auditing, or bookkeeping service
 8111106 ☐ Attorney's office, including legal aid service
 7531006 ☐ Automotive body shop
 7538101 ☐ Automotive repair shop, general
 7241003 ☐ Barber shop
 7231004 ☐ Beauty shop
 7349004 ☐ Building cleaning and maintenance service
 8351009 ☐ Child day care center
 8661001 ☐ Church, synagogue, convent, monastery, etc.
 8641003 ☐ Civic, social, or fraternal association
 7215106 ☐ Coin-operated laundry
 8021008 ☐ Dentist's office
 8011108 ☐ Medical doctor's office
 7392301 ☐ Management consulting service
 7011307 ☐ Motel or tourist court
 7622004 ☐ Radio and television repair shop
 9999996 ☐ Other kind of service — *Specify type*

WHOLESALE TRADE (W)

☐ Merchant wholesaler
☐ Agent or broker
☐ Other type of wholesaler — *Specify type*

CONSTRUCTION (C)

☐ Building construction — General contractor
☐ Highway or heavy construction — Contractor
☐ Special trade contractor
 1751007 ☐ Carpentry contractor
 1731009 ☐ Electrical contractor
 1721000 ☐ Painting contractor
 1711001 ☐ Plumbing, heating or air conditioning contractor
 9999996 ☐ Other special trade contractor — *Specify type*
 6552004 ☐ Subdividers and developers, except cemeteries

TRUCKING (T)

4214003 ☐ Local trucking and storage
 4212007 ☐ Local trucking, without storage
 4213005 ☐ Trucking, except local

ICC Regulated?
 1 ☐ YES
 2 ☐ NO

FINANCE, INSURANCE, AND REAL ESTATE (F)

6146005 ☐ Installment sales finance institution
 6411003 ☐ Insurance agents, brokers or related services
 6513006 ☐ Owner-operator of apartment building(s)
 6531008 ☐ Real estate agent or manager
 6515001 ☐ Residential mobile home site
 9999996 ☐ Other kind of finance, insurance, or real estate — *Specify type*

☐ **AGRICULTURAL PRODUCTION OR SERVICE (A)**
☐ **MINERALS EXTRACTION OR SERVICE (I)**
☐ **MANUFACTURING (M)**
☐ **OTHER BUSINESS OR ACTIVITY** — *Specify type*

Item 7 — REMARKS**Item 8 — CERTIFICATION** — This report is substantially accurate and has been prepared in accordance with instructions.

| | | | | |
|--|--------------|-----------|--------|-----------|
| Name of person to contact regarding this report — <i>Print or type</i> | Telephone —→ | Area code | Number | Extension |
| Signature of authorized person | | Date | | |



NOTICE — Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

Please complete this form and RETURN TO

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, Indiana 47134

DATE: FEBRUARY 15, 1983

If you cannot file by the due date, a time extension request should be sent to the above address; please include your 11-digit Census File Number (CFN).

Note — Please read the instructions before answering the questions.

In correspondence pertaining to this report please refer to this Census File Number (CFN)

Employer Identification (EI) Number

ES-9200

Please correct errors in name, address, and ZIP code. ENTER street and number if not shown.

IMPORTANT — Please read

GENERAL INSTRUCTIONS

Who should report?

- All auxiliary establishments which were operated during any part of 1982.

What is an auxiliary establishment?

- An establishment primarily engaged in performing management, supervision, general administrative functions, and supporting services for other establishments of the same enterprise, rather than for the general public or other business firms.

Examples of auxiliary establishments: Central offices, corporate offices, regional offices, accounting offices; research, development, and testing laboratories; central repair shops; warehouses; computer centers; etc.

What should you report?

- Report only for the administrative and supporting activities of this establishment. EXCLUDE all operating activities which produce goods or services reported on another 1982 Economic Censuses report form (i.e., manufacturing, selling, etc.).

- If book figures are not available, carefully prepared estimates for data items are acceptable for statistical purposes.

- Be sure to complete every item. Enter "0" in items where appropriate.

What is an enterprise?

- An enterprise consists of a parent firm and all its establishments and subsidiaries under common ownership or control.

Item 1 — EMPLOYER IDENTIFICATION NUMBER

Is the Employer Identification (EI) Number shown in the label the SAME as that used for this establishment on its latest 1982 Employer's Quarterly Federal Tax Return, Treasury Form 941?

094 1 ☐ YES

2 ☐ NO — Enter current EI Number — (9 digits)

Item 2 — PHYSICAL LOCATION OF ESTABLISHMENT

Answer items a, b, c, and d

NOTE: P.O. boxes or rural routes are not physical locations.

- a. ☐ Same as shown in mailing label. If different, indicate change.

NUMBER AND STREET

CITY, TOWN, VILLAGE, ETC. STATE ZIP CODE

- b. Is this establishment physically located inside the legal boundaries of the city, town, village, etc.?

095 1 ☐ YES

3 ☐ No legal boundaries

2 ☐ NO

4 ☐ Don't know

- c. Type of municipality where physically located

096 1 ☐ City, village, or borough

3 ☐ Other or don't know

2 ☐ Town or township

- d. Name of county where physically located

Item 3 — OPERATIONAL STATUS

Number of months
002

- a. How many months during 1982 did this firm or organization actively operate this establishment?

- b. Mark (X) the ONE box which best describes this establishment at the end of 1982.

001 1 ☐ In operation

2 ☐ Temporarily or seasonally inactive

3 ☐ Ceased operation — Give date —

4 ☐ Sold or leased to another operator — Give date at right AND enter name, etc., below

Figures only

Month Day Year

NAME OF NEW OWNER OR OPERATOR

NUMBER AND STREET

CITY STATE ZIP CODE

Item 4 — EMPLOYMENT BY FUNCTION

List both full- and part-time employees at this auxiliary location by each employee's primary function.

EXCLUDE • Employees working in or from other establishments, even though paid from this location
• Proprietors or partners if an unincorporated firm

- a. Employment by function for pay period including March 12, 1982. (Where records do not provide actual employee counts in terms of the functions listed, estimates of the approximate number in each are acceptable. Those performing a variety of functions should be reported in their primary activity during the pay period.)

(1) Administrative and managerial (Exclude employees engaged in office and clerical work.)

(2) Office and clerical — except sales support

(3) Research, development, and testing

(4) Warehousing

(5) Electronic data processing (Include programming and systems design.)

(6) Sales directly to customers from this location

(7) Sales support (Include office and clerical, and other employees directly supporting the sales personnel in line (6).)

(8) Other — Specify

b. TOTAL March 12 employment — Sum of lines (1) through (8) —

HOW TO REPORT DOLLAR FIGURES

Value figures may be reported in dollars or rounded to thousands.
Example: If a figure is \$1,125,628, report either

• **PREFERRED**
Acceptable

| Millions (000) | Thousands (000) | Dollars (000) |
|----------------|-----------------|---------------|
| 1 | 126 | |
| 1 | 125 | 628 |

Item 5 — PAYROLL IN 1982, BEFORE DEDUCTIONS

Report total payroll of all employees before deductions.

INCLUDE • Gross earnings paid to employees prior to such deductions as:
• Employee's Social Security contributions
• Withholding taxes
• Group insurance premiums
• Union dues
• Savings bonds

- All wages and salaries including:
• Commissions and paid bonuses
• Dismissal pay
• Vacation and sick pay
• Cash equivalent of compensation paid in kind

EXCLUDE • Salaries of officers if a corporation
• Payments to proprietors or partners if an unincorporated concern
• Employer's cost for fringe benefits

Item 6 — EMPLOYER'S COST FOR FRINGE BENEFITS IN 1982 (Supplemental Labor Costs)

LEGALLY REQUIRED — Include payments for:
• Employer's Social Security tax
• Unemployment tax
• Workmen's compensation insurance
• State disability insurance programs

VOLUNTARY PROGRAMS — Include payments for:
• Union negotiated benefits
• Life insurance premiums
• Pension plans and welfare plans
• Insurance premiums on hospital and medical plans
• Stock purchase plans

Key Number

020

021

022

023

024

025

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037

| FORM ES-9200 | | U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS | | Please enter the 11-digit CENSUS FILE NUMBER as shown on this report (See label on page 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|---|------|---|-------|-------------------------------|-------------|-----|------|-------------|-----|------|--------------------------------|-------|------|------|-------|------|---|-----------|--------|-----------|-----|--|--|--|-----|--|--|-----|--|--|--|-----|--|--|-----|--|--|---|-----|--|--|-----|--|--|---|-----|--|--|-----|--|--|
| 1982 ECONOMIC CENSES AUXILIARY ESTABLISHMENT REPORT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item 13 - GROSS VALUE OF DEPRECIABLE ASSETS DURING 1982 (EXCLUDE LAND) Report the gross value of depreciable assets of this establishment for which depreciation or amortization accounts are ordinarily maintained. Gross value represents the acquisition cost to this establishment of such depreciable assets. The value of assets should include all types of items for which capital expenditures are reported. (See instructions for item 12.) INCLUDE • Value of improvements and new construction that were in progress but not completed at the end of 1982 • Value of depreciable assets owned by this establishment, but rented or leased to others under an operating lease agreement • Value of depreciable assets obtained through capital leases EXCLUDE • Value of land and depletable assets (timber and mineral rights) • Current assets (inventories, cash, accounts receivable, etc.) and intangible assets (goodwill, patents, copyrights, etc.) • Value of depreciable assets at other locations for which this establishment maintains records | | | | a. Did this establishment maintain depreciable assets at the end of 1982? 080 1 <input type="checkbox"/> YES - Go to b 2 <input type="checkbox"/> NO - SKIP to item 15 b. Gross value of depreciable assets <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Key</th> <th colspan="3">End of 1982</th> <th colspan="3">End of 1981</th> </tr> <tr> <th>Mil.</th> <th>Thou.</th> <th>Ool.</th> <th>Mil.</th> <th>Thou.</th> <th>Ool.</th> </tr> </thead> <tbody> <tr> <td>(1) Buildings and structures</td> <td>081</td> <td></td> <td></td> <td>084</td> <td></td> <td></td> </tr> <tr> <td>(2) Machinery and equipment</td> <td>082</td> <td></td> <td></td> <td>085</td> <td></td> <td></td> </tr> <tr> <td>(3) TOTAL - Sum of lines (1) and (2)</td> <td>083</td> <td></td> <td></td> <td>086</td> <td></td> <td></td> </tr> </tbody> </table> | | Key | End of 1982 | | | End of 1981 | | | Mil. | Thou. | Ool. | Mil. | Thou. | Ool. | (1) Buildings and structures | 081 | | | 084 | | | (2) Machinery and equipment | 082 | | | 085 | | | (3) TOTAL - Sum of lines (1) and (2) | 083 | | | 086 | | | | | | | | | | | | | | | | |
| Key | End of 1982 | | | End of 1981 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Mil. | Thou. | Ool. | Mil. | Thou. | Ool. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (1) Buildings and structures | 081 | | | 084 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (2) Machinery and equipment | 082 | | | 085 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (3) TOTAL - Sum of lines (1) and (2) | 083 | | | 086 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item 14 - DEPRECIATION CHARGES DURING 1982 Report additions made to depreciation reserves during 1982 for assets owned at the beginning of the year or acquired during the year. | | | | Did this establishment maintain depreciation accounts at the end of 1982? 090 1 <input type="checkbox"/> YES - Report TDAL depreciation charged against assets during 1982 2 <input type="checkbox"/> NO Mil. Thou. Dol. 091 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item 15 - RENTAL PAYMENTS IN 1982 (EXCLUDE LAND) INCLUDE • Payments (or equivalent charges) made to other enterprises for the use of such fixed assets as buildings, structures, machinery, and equipment. (See item 12 instructions for breakout of buildings and structures from machinery and equipment.) EXCLUDE • Payments made by this establishment to the parent enterprise or any of its subsidiaries. The value of such enterprise-owned assets should be reported as if actually owned by this establishment in item 13. • Capital leases (should be reported as assets) • Separately identified fees for leasing of land on which buildings and structures are erected • Rental payments made by this establishment for plant and equipment at other establishments of your enterprise | | | | Did this establishment make rental payments during 1982? 100 1 <input type="checkbox"/> YES - Report rental payments for use of 2 <input type="checkbox"/> NO <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Key</th> <th colspan="3">End of 1982</th> <th colspan="3">End of 1981</th> </tr> <tr> <th>Mil.</th> <th>Thou.</th> <th>Ool.</th> <th>Mil.</th> <th>Thou.</th> <th>Ool.</th> </tr> </thead> <tbody> <tr> <td>a. Buildings and structures</td> <td>101</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>b. Machinery and equipment</td> <td>102</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>c. TOTAL - Sum of lines a and b</td> <td>103</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | Key | End of 1982 | | | End of 1981 | | | Mil. | Thou. | Ool. | Mil. | Thou. | Ool. | a. Buildings and structures | 101 | | | | | | b. Machinery and equipment | 102 | | | | | | c. TOTAL - Sum of lines a and b | 103 | | | | | | | | | | | | | | | | | | | |
| Key | End of 1982 | | | End of 1981 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Mil. | Thou. | Ool. | Mil. | Thou. | Ool. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| a. Buildings and structures | 101 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| b. Machinery and equipment | 102 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| c. TOTAL - Sum of lines a and b | 103 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item 16 - COST OF PURCHASED ELECTRICITY IN 1982 INCLUDE • The total amount actually paid or payable for electric energy purchased during the year from other enterprises, or received from other establishments of your enterprise. EXCLUDE • The value of electricity generated and used at this establishment • Cost of purchased electricity which is included as part of normal rental payments | | | | Did this establishment purchase electricity during 1982? 110 1 <input type="checkbox"/> YES - Report cost of purchased electricity 2 <input type="checkbox"/> NO Mil. Thou. Dol. 111 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item 17 - COST OF PURCHASED FUEL IN 1982 INCLUDE • The total amount actually paid or payable during the year for all fuels consumed for heat, power, or the generation of electricity • Coal, coke, natural and manufactured gas, fuel oil, liquefied petroleum gas, gasoline, etc. EXCLUDE • Cost of purchased fuel which is included as part of normal rental payments | | | | Did this establishment purchase fuels in 1982? 112 1 <input type="checkbox"/> YES - Report cost of fuels consumed 2 <input type="checkbox"/> NO Mil. Thou. Dol. 113 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item 18 - COST OF PURCHASED COMMUNICATION SERVICES IN 1982 INCLUDE • Payments for telephone, telegraph, data transmission, telex, teletype, ticker tape, phototransmission, and all other related services EXCLUDE • Cost of purchased communication services which is included as part of rental payments | | | | Did this establishment purchase communication services in 1982? 114 1 <input type="checkbox"/> YES - Report cost of purchased communication services 2 <input type="checkbox"/> NO Mil. Thou. Dol. 115 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item 19 - COST OF PURCHASED REPAIR SERVICES IN 1982 INCLUDE • The total amount paid to other establishments for purchased repair services (outside contractors, garages, etc.) • All noncapitalized repairs to buildings, structures, machinery, and equipment (such as repairs to motor vehicles, painting, roof repair, machinery and equipment repair, etc.) EXCLUDE • Repairs performed on leased buildings or equipment and paid for by normal lease payments • Capitalized improvements for which depreciation or amortization accounts are ordinarily maintained • The cost of all repairs (including all purchased materials) performed by the employees of this establishment | | | | a. Did this establishment purchase repair services for buildings and structures in 1982? 116 1 <input type="checkbox"/> YES - Report cost of purchased repair services for buildings and structures 2 <input type="checkbox"/> NO Mil. Thou. Dol. 117 b. Did this establishment purchase repair services for machinery and equipment in 1982? 118 1 <input type="checkbox"/> YES - Report cost of purchased repair services for machinery and equipment 2 <input type="checkbox"/> NO Mil. Thou. Dol. 119 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item 20 - VALUE OF INVENTORIES The Census inventory inquiries are designed to collect information concerning all of the inventories owned by each enterprise and which are located within the United States. Inventories of multi-establishment enterprises should be reported by the establishment that is responsible for the inventories even if these inventories are held at a separate location. In this way, all inventories are accounted for on a nonduplicated basis. The sum of the inventories of all establishments of an enterprise should be approximately equal to the enterprise's total inventories after adjusting for valuation differences. For lines a through d(2) report only those inventories that are attributable to this establishment's operations. Report such inventories as if this establishment owns them. Do not include inventories located at this establishment which are the responsibility of other establishments of your enterprise. INCLUDE • Inventories in transit for which this auxiliary has responsibility • Finished products • Work in process • Materials, supplies, fuels, etc., which are for resale or for further fabrication EXCLUDE • Inventories owned by others but held by this auxiliary • Items not held for resale, such as fixtures, equipment, and supplies NOTE - Sum of lines c(1) and (2) should equal total inventories on line b and sum of lines d(1) and (2) should equal the amount on line c(2) | | | | a. Did this establishment have inventories at the end of the year specified? 120 1 <input type="checkbox"/> YES 2 <input type="checkbox"/> NO If "No" for both years, SKIP to item 22, Certification. b. Report inventories at cost or market using generally accepted accounting methods. (For inventories at LIFO cost, use the sum of the LIFO amount plus the LIFO reserve when completing lines b through c(2)) - Should equal sum of lines c(1) and (2) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Key</th> <th colspan="3">End of 1982</th> <th colspan="3">End of 1981</th> </tr> <tr> <th>Mil.</th> <th>Thou.</th> <th>Ool.</th> <th>Mil.</th> <th>Thou.</th> <th>Ool.</th> </tr> </thead> <tbody> <tr> <td>(1) Report the amount of total inventories on line b which is not subject to LIFO costing</td> <td>121</td> <td></td> <td></td> <td>131</td> <td></td> <td></td> </tr> <tr> <td>(2) Report the amount of total inventories on line b which is subject to LIFO costing - Should equal sum of lines d(1) and (2)</td> <td>122</td> <td></td> <td></td> <td>132</td> <td></td> <td></td> </tr> <tr> <td>(3) Report the amount of LIFO reserve associated with the inventories on line c(2)</td> <td>123</td> <td></td> <td></td> <td>133</td> <td></td> <td></td> </tr> <tr> <td>(4) Report the LIFO value of inventories on line c(2)</td> <td>124</td> <td></td> <td></td> <td>134</td> <td></td> <td></td> </tr> <tr> <td>(5) Report the LIFO value of inventories on line c(2)</td> <td>125</td> <td></td> <td></td> <td>135</td> <td></td> <td></td> </tr> </tbody> </table> | | Key | End of 1982 | | | End of 1981 | | | Mil. | Thou. | Ool. | Mil. | Thou. | Ool. | (1) Report the amount of total inventories on line b which is not subject to LIFO costing | 121 | | | 131 | | | (2) Report the amount of total inventories on line b which is subject to LIFO costing - Should equal sum of lines d(1) and (2) | 122 | | | 132 | | | (3) Report the amount of LIFO reserve associated with the inventories on line c(2) | 123 | | | 133 | | | (4) Report the LIFO value of inventories on line c(2) | 124 | | | 134 | | | (5) Report the LIFO value of inventories on line c(2) | 125 | | | 135 | | |
| Key | End of 1982 | | | End of 1981 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Mil. | Thou. | Ool. | Mil. | Thou. | Ool. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (1) Report the amount of total inventories on line b which is not subject to LIFO costing | 121 | | | 131 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (2) Report the amount of total inventories on line b which is subject to LIFO costing - Should equal sum of lines d(1) and (2) | 122 | | | 132 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (3) Report the amount of LIFO reserve associated with the inventories on line c(2) | 123 | | | 133 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (4) Report the LIFO value of inventories on line c(2) | 124 | | | 134 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (5) Report the LIFO value of inventories on line c(2) | 125 | | | 135 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item 21 - REMARKS - Please use this space for any explanations that may be essential in understanding your reported data. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item 22 - CERTIFICATION - This report is substantially accurate and has been prepared in accordance with instructions. Name of person to contact regarding this report - Print or type <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Period covered by this report</td> <td>FROM</td> <td>Mo.</td> <td>Year</td> <td>TO</td> <td>Mo.</td> <td>Year</td> </tr> <tr> <td>Signature of authorized person</td> <td colspan="3"></td> <td>Oate</td> <td colspan="2"></td> </tr> </table> Telephone <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Area code</td> <td>Number</td> <td>Extension</td> </tr> </table> | | | | | | Period covered by this report | FROM | Mo. | Year | TO | Mo. | Year | Signature of authorized person | | | | Oate | | | Area code | Number | Extension | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Period covered by this report | FROM | Mo. | Year | TO | Mo. | Year | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Signature of authorized person | | | | Oate | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Area code | Number | Extension | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
FORM

ES-9100

1982 ECONOMIC CENSUSES

ENTERPRISE SUMMARY REPORT

O.M.B. APPROVAL NO. 0807-0386 EXPIRES 11/84

NOTICE — Response to this inquiry is required by law (Title 15, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

Please complete this form and RETURN TO

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, Indiana 47134

DATE: FEBRUARY 15, 1983

If you cannot file by the due date, a time extension request should be sent to the above address; please include your 11-digit Census File Number (CFN).

Note — Please read the instructions before answering the questions.

CENSUS
USE
ONLY

In correspondence pertaining to this report, please refer to this Census File Number (CFN)

Employer Identification (EI)
Number

ES-9100

Please correct errors in name, address, and ZIP code. ENTER street and number if not shown.

IMPORTANT — This is an enterprise summary report

GENERAL INSTRUCTIONS

Purpose of this form

- The purpose of this form is to obtain accurate, unduplicated (NET) consolidated information for all domestic activities of your enterprise.

What is an enterprise?

- An enterprise is a business, service, or membership organization consisting of one or more establishments under common, direct, or indirect ownership or control.
- An enterprise is the highest level of establishment aggregation. If an enterprise owns or controls subsidiary companies or firms, all establishments of the subsidiaries are included as part of the owning or controlling enterprise.
- An enterprise may vary in composition ranging from a single legal entity (e.g., corporation, partnership, etc.) to a complex family of legal entities under common ownership or control.

What should be reported?

- Include your enterprise's activities in all 50 States and the District of Columbia. Do not include activities in foreign countries or U.S. possessions such as Puerto Rico, Guam, etc., if any, except for reporting foreign assets in item I.
- Include all subsidiaries whether or not they are consolidated in your enterprise's books.
- Consolidate all domestic activities whether or not they are covered in the 1982 Economic Censuses by individual report forms.
- Report consolidated, net information. Exclude domestic intra-enterprise transfers.
- If book figures are not available, enter your best estimate. Be sure to complete every item. Enter "0" in items where appropriate.
- For assistance in completing this form, call the Bureau's Enterprise Statistics Branch (301) 763-7078.

HOW TO REPORT DOLLAR FIGURES

Value figures may be reported in dollars or rounded to thousands

Example: If a figure is \$1,125,628, report either

• **PREFERRED method**
• **Acceptable method**

| Mil- lions (000) | Thou- sands (000) | Col- lars (000) |
|------------------------|-------------------------|-----------------------|
| 1 | 125 | 628 |

Item A — SALES AND RECEIPTS IN 1982

Report consolidated net sales and business receipts of your enterprise as reported on your income statement excluding sales or other taxes collected.

INCLUDE • Operating receipts from taxable operations as well as total revenues from tax-exempt activities
• Export transfers to your foreign subsidiaries

EXCLUDE • Domestic intra-enterprise transfers • Sales and other taxes collected and paid directly to federal, state, or local taxing agencies
• Sales by foreign subsidiaries
• Nonoperating income

Item B — PAYROLL AND EMPLOYMENT

PAYROLL

INCLUDE • Gross earnings paid to employees prior to such deductions as:

- Employee's Social Security contributions
- Union dues
- Savings bonds
- Withholding taxes
- Group insurance premiums
- All wages and salaries including:
 - Commissions and paid bonuses
 - Vacation and sick pay
 - Dismissal pay
 - Cash equivalent of compensation paid in kind
- Salaries of officers if a corporation

EXCLUDE • Payments to proprietors or partners of unincorporated businesses
• Employer's cost for fringe benefits (supplemental labor costs)

EMPLOYMENT

INCLUDE • Paid employees during the pay period including March 12, 1982
• Persons on paid sick leave, paid holidays, and paid vacations
• Full- and part-time employees

EXCLUDE • Proprietors or partners of unincorporated businesses

Item C — EMPLOYER'S COST FOR FRINGE BENEFITS IN 1982 (SUPPLEMENTAL LABOR COSTS)

REQUIRED BY LAW — Include payments for:

- Employer's Social Security tax
- Workmen's compensation insurance
- Unemployment tax
- State disability insurance programs

VOLUNTARY PROGRAMS — Include payments for:

- Insurance premiums on hospital and medical plans
- Union negotiated benefits
- Life insurance premiums
- Welfare plans
- Pension plans
- Stock purchase plans

Item D — SELECTED OPERATING EXPENSES IN 1982

Line 8 — Royalty payments — Report amount paid to unaffiliated organizations or individuals for the use of intangible property rights (patents, trademarks, copyrights, processes, use of natural resources, etc.).

Line 9 — Advertising services — Report the amount paid to others for advertising services.

Lines 10-13 — Rental payments (excluding land) — Report rental payments made to other enterprises for use of buildings, structures, machinery, and equipment. Rental payments for buildings and structures should not include the land on which they stand, if this separation can be made in a reasonable way.

INCLUDE • Payments made to others for use of such depreciable assets as buildings, structures, machinery, and equipment

EXCLUDE • Separately identified fees for leasing of land on which buildings and structures are erected

- Capital leases (These should be reported as assets.)

| | Key | Mil. | Thou. | Col. |
|---|-----|--|-------|------|
| 1. Sales and other operating receipts in 1982 | 010 | | | |
| PAYROLL IN 1982 BEFORE DEDUCTIONS | | | | |
| 2. Total ANNUAL payroll | 030 | | | |
| 3. FIRST QUARTER payroll | 031 | | | |
| EMPLOYMENT IN 1982 | | | | |
| 4. Number of paid employees for the pay period including March 12 | 032 | | | |
| 5. Legally required programs | 035 | | | |
| 6. Voluntary programs | 036 | | | |
| 7. TOTAL fringe benefits — Sum of lines 5 and 6 | 037 | | | |
| 8. Did this enterprise make royalty payments for the use of intangible property rights in 1982? | 110 | 1 <input type="checkbox"/> YES — Report amount here 2 <input type="checkbox"/> NO | | |
| 9. Did this enterprise purchase advertising services in 1982? | 112 | 1 <input type="checkbox"/> YES — Report amount here 2 <input type="checkbox"/> NO | | |
| 10. Did this enterprise make rental payments, excluding land, in 1982? | 100 | 1 <input type="checkbox"/> YES — Go to line 11 2 <input type="checkbox"/> NO — SKIP to item E | | |
| 11. Rental payments for use of buildings and structures | 101 | | | |
| 12. Rental payments for use of machinery and equipment | 102 | | | |
| 13. TOTAL rental payments — Sum of lines 11 and 12 | 103 | | | |

PENALTY FOR FAILURE TO REPORT
U.S. G.P.O.: 1982 560-882

CONTINUE ON PAGE 2

| Item E - VALUE OF INVENTORIES | | End of 1982 | | | | End of 1981 | | | | | | | | | | | |
|--|--|---|--|---|--|---|--|---|--|---|--|--|--|--|--|------------|--|
| 14. Did this enterprise have inventories at the end of the year specified? <i>If "No" for both years, SKIP to Item F</i> | | 120 | | 130 | | 1 | | 2 | | | | | | | | | |
| | | 1 <input type="checkbox"/> YES 2 <input type="checkbox"/> NO | | 1 <input type="checkbox"/> YES 2 <input type="checkbox"/> NO | | 1 | | 2 | | | | | | | | | |
| <p>This inventory inquiry is designed to collect unduplicated, consolidated information concerning all of the inventories owned by your enterprise, and which are located within the United States. The sum of the inventories of all domestic establishments of your enterprise should be approximately equal to the total inventory of your enterprise after adjusting for valuation differences.</p> <p>INCLUDE</p> <ul style="list-style-type: none"> Inventories in transit for which your enterprise has taken title Finished products Work in process Materials, supplies, fuels, etc., which are for resale or for further fabrication <p>EXCLUDE</p> <ul style="list-style-type: none"> Inventories owned by others but held by your enterprise Items not held for resale, such as fixtures, equipment, and supplies <p>NOTE - Sum of lines 16a and 16b should equal total inventories on line 15 AND sum of lines 17a and 17b should equal the amount on line 16b.</p> | | <p>15. Report total inventories at cost or market using generally accepted accounting methods. (For inventories at LIFO cost use the sum of the LIFO amount plus the LIFO reserve when completing lines 15 through 16b) - Sum of lines 16a and b</p> <p>121</p> | | <p>131</p> | | <p>16. a. Report the amount of total inventories on line 15 which is not subject to LIFO costing.</p> <p>122</p> | | <p>132</p> | | <p>b. Report the amount of total inventories on line 15 which is subject to LIFO costing - Sum of lines 17a and b</p> <p>123</p> | | <p>133</p> | | | | | |
| <p>16. a. Report the amount of LIFO reserve associated with the inventories on line 16b.</p> <p>124</p> | | <p>134</p> | | <p>b. Report the LIFO value of inventories on line 16b.</p> <p>125</p> | | <p>135</p> | | | | | | | | | | | |
| <p>Item F - CAPITAL EXPENDITURES DURING 1982 (EXCLUDING LAND AND MINERAL RIGHTS)</p> <p>Report all costs that are chargeable to asset accounts and for which depreciation or amortization reserves are maintained. (See instructions in item G for a complete description of depreciable assets.) Include all items obtained through a capital lease.</p> <p>INCLUDE</p> <ul style="list-style-type: none"> Line 18c - Production machinery, office equipment, and special tools having an estimated useful life of more than one year. Report replacements as well as additions to capacity. Line 19 - New construction, major alterations, capitalized repairs, and improvement of buildings both completed and in progress but not completed at the end of 1982. Include expenditures for structures which, on completion, will be sold and leased back to you. Line 21 - Capitalized expenditures for oil and gas field and other mineral property explorations; for the drilling of oil, gas, dry, and service wells; and for tangible assets <p>EXCLUDE</p> <ul style="list-style-type: none"> Cost of land and mineral rights, such as producing or nonproducing leases Cost of maintenance and repairs charged as current operating expenses Capital expenditures by subsidiaries in foreign countries and U.S. possessions | | <p>18. New machinery and equipment</p> <p>a. New automobiles, trucks, trailers, special purpose vehicles, etc., for highway use</p> <p>071</p> | | <p>b. New computers and peripheral data processing equipment</p> <p>072</p> | | <p>c. All other expenditures for new machinery and equipment</p> <p>073</p> | | <p>d. TOTAL new machinery and equipment - Sum of lines a through c</p> <p>074</p> | | <p>19. New buildings, structures, and additions to plant</p> <p>075</p> | | <p>20. Used plant and used equipment acquired from others</p> <p>076</p> | | | | | |
| <p>21. Capitalized development and exploration of mineral properties</p> <p>077</p> | | <p>22. TOTAL capital expenditures - Sum of lines 18d through 21 - Enter total here and on line 27</p> <p>078</p> | | <p>Item G - GROSS VALUE AND CHANGES IN GROSS VALUE OF DEPRECIABLE ASSETS DURING 1982</p> <p>Report the gross value of depreciable assets for which depreciation or amortization accounts are ordinarily maintained. Gross value represents the acquisition cost to your enterprise. Also report changes in the gross value of depreciable assets during 1982. If mergers and acquisitions are not treated as a "pooling of interest," enter the value of the acquired assets on line 28.</p> <p>INCLUDE</p> <ul style="list-style-type: none"> Depreciable assets (buildings, structures, machinery, equipment, etc.) and amortizable assets (special tools) for all domestic establishments and facilities Value of depreciable assets owned by this enterprise, but rented or leased to others under an operating lease agreement Value of all capitalized drilling and completion costs Value of depreciable assets obtained through capital or tax leases Assets sold, retired, scrapped, destroyed, etc., on line 29 <p>EXCLUDE</p> <ul style="list-style-type: none"> Value of land and depletable assets (timber and mineral rights) (Include on line 37) Current assets (inventories, cash, accounts receivable, etc.) and intangible assets (goodwill, patents, copyrights, etc.) (Include on line 37) Value of depreciable assets in foreign countries and U.S. possessions (Include on line 38) Value of land and mineral rights; such as producing or nonproducing leases, bonus payments, royalties and overriding mineral interests, and fee land (Include on line 37) Value of depreciable assets owned by your enterprise, but leased to others under a capital or tax lease agreement | | <p>23. Buildings and structures</p> <p>081</p> | | <p>24. Machinery and equipment</p> <p>082</p> | | <p>25. TOTAL - Sum of lines 23 and 24</p> <p>083</p> | | <p>084</p> | | <p>085</p> | | <p>086</p> | |
| <p>CHANGES IN GROSS VALUE OF DEPRECIABLE ASSETS</p> <p>26. Gross depreciable assets, end of 1981 (should equal the 1981 total in line 25)</p> <p>040</p> | | <p>27. Total capital expenditures during 1982 (should equal line 22)</p> <p>041</p> | | <p>28. Other acquisitions by your enterprise during 1982</p> <p>042</p> | | <p>29. Deductions from depreciable assets during 1982</p> <p>043</p> | | <p>30. Gross depreciable assets, end of 1982 - Sum of lines 26 through 28 minus line 29 (should equal the 1982 total in line 25)</p> <p>044</p> | | <p>31. Accumulated depreciation as of the end of 1981</p> <p>090</p> | | <p>32. Depreciation charged against assets during 1982</p> <p>091</p> | | | | | |
| <p>33. Additions charged to other accounts during 1982</p> <p>092</p> | | <p>34. Deductions from reserves for retirements, renewals, and replacements during 1982</p> <p>093</p> | | <p>35. Accumulated depreciation as of the end of 1982 - Sum of lines 31 through 33 minus line 34</p> <p>094</p> | | <p>36. Net value of depreciable assets (should equal line 30 minus line 35)</p> <p>060</p> | | <p>37. Other assets</p> <p>061</p> | | <p>38. Net foreign assets</p> <p>062</p> | | <p>39. TOTAL assets - Sum of lines 36 through 38</p> <p>063</p> | | | | | |
| <p>Item I - TOTAL ASSETS, END OF 1982</p> <p>Report the balance sheet assets on a consolidated basis.</p> <p>INCLUDE</p> <ul style="list-style-type: none"> Lines 36 and 37 - Only domestic (nonforeign) assets Line 37 - Current and other assets for which depreciation or amortization reserves are NOT maintained, such as inventories, cash, investments, accounts receivable, etc. Also include depletable and intangible assets such as land, timber, mineral rights, goodwill, patents, copyrights, etc. Report all other assets on a net basis of all reserves and allowances. Line 38 - All assets in foreign countries and U.S. possessions, regardless of type, reported on a net basis of all reserves, allowances, and accumulated depreciation Line 39 - Total assets of your enterprise as reported on your balance sheet | | <p>40. Did this enterprise acquire new assets through capital leases during 1982?</p> <p>140 1 <input type="checkbox"/> YES - Report the value of capital lease assets</p> <p>2 <input type="checkbox"/> NO</p> | | <p>141</p> | | <p>Item J - CAPITAL LEASES DURING 1982</p> <p>Report the value of all depreciable assets obtained through capital leases during 1982 at the market value when they were acquired. Do not include assets either obtained through operating leases or owned by this enterprise but leased to others under a capital lease agreement.</p> | | <p>REMARKS - Please use this space for any explanations that may be essential in understanding your reported data.</p> | | <p>Item K - CERTIFICATION - This report is substantially accurate and has been prepared in accordance with instructions.</p> | | <p>Name of person to contact regarding this report - Print or type</p> | | <p>Period covered by this report - FROM Mo. Year TO Mo. Year</p> | | | |
| <p>Telephone</p> | | <p>Area code</p> | | <p>Number</p> | | <p>Extension</p> | | <p>Signature of authorized person</p> | | <p>Date</p> | | <p>FORM ES-9100</p> | | | | | |



U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
FORM

MC-3609

1982 CENSUS OF MANUFACTURES LIGHTING FIXTURES

G.M.B. APPROVAL NO. 0607.0399 EXPIRES 12/84

NOTICE — Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

Please complete this form and RETURN TO

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, Indiana 47134

DUE DATE: FEBRUARY 15, 1983

If you cannot file by the due date, a time extension request should be sent to the above address; please include your 11-digit Census File Number (CFN).

Note — Please read the special instructions on reverse side before answering items 2-8.

In correspondence pertaining to this report, please refer to this Census File Number (CFN)

Employer Identification (EI) Number

MC-3609

Please correct errors in name, address, and ZIP code. ENTER street and number if not shown.

Item 1A — EMPLOYER IDENTIFICATION NUMBER

Is the Employer Identification (EI) Number shown in the label the SAME as that used for this establishment on its latest 1982 Employer's Quarterly Federal Tax Return, Treasury Form 941?

094 1 ☐ YES 2 ☐ NO — Enter current EI Number

(9 digits)

Item 1B — PHYSICAL LOCATION OF ESTABLISHMENT — Answer parts a, b, c, and d

NOTE: P.O. boxes or rural routes are not physical locations.

a. ☐ Same as shown in mailing label. If different, indicate actual physical location.

NUMBER AND STREET

CITY, TOWN, VILLAGE, ETC

STATE

ZIP CODE

b. Is this establishment physically located inside the legal boundaries of the city, town, village, etc.?

095 1 ☐ YES 2 ☐ NO 3 ☐ No legal boundaries 4 ☐ Don't know

c. Type of municipality where physically located

096 1 ☐ City, village, or borough 2 ☐ Town or township 3 ☐ Other or don't know

d. Name of county where physically located

Item 1C — ORGANIZATIONAL STATUS — Mark (X) the ONE box which best describes this establishment during 1982.

003 1 ☐ Individual proprietorship 2 ☐ Partnership 3 ☐ Cooperative association (taxable) 4 ☐ Cooperative association (tax-exempt) 5 ☐ Government — Specify 6 ☐ Corporation (do not mark if any form of cooperative association) 9 ☐ Other — Specify

HOW TO REPORT

COMPLETE EACH ITEM; ENTER "0" WHEN APPROPRIATE

Figures for dollars and plant-hours should be rounded to thousands. If you wish, you may report to the nearest unit. Be careful to enter your figures in the correct columns.

Example: If a figure is \$1,125,628, report either

* PREFERRED method 1 125 628
Acceptable method 1 125 628

Item 2 — EMPLOYMENT IN 1982

Key Number of employees

a. Number of production workers during pay period including the 12th of the month
(1) March 301
(2) May 302
(3) August 303
(4) November 304

b. TOTAL Sum of lines (1) through (4) 305

c. Average number — Divide line b by 4, omit fractions 306

d. All other employees at this establishment (pay period including March 12th) 307

e. TOTAL EMPLOYMENT Sum of lines c and d 308

Item 3A — ANNUAL PAYROLL FOR 1982, BEFORE DEDUCTIONS

a. Production workers' wages (for employees reported in item 2c) 309

b. All other salaries and wages (for employees reported in item 2d) 310

c. TOTAL PAYROLL Sum of lines a and b 311

Item 3B — Not applicable to this report.

Item 3C — FIRST QUARTER PAYROLL FOR 1982, BEFORE DEDUCTIONS

TOTAL payroll for the first quarter (Jan. — Mar.) 315

Item 4 — PLANT HOURS WORKED BY PRODUCTION WORKERS BY QUARTER IN 1982

a. January through March 316

b. April through June 317

c. July through September 318

d. October through December 319

e. TOTAL HOURS WORKED Sum of lines a through d 320

Item 5 — COST OF MATERIALS AND SERVICES USED FOR 1982

Mark (X) if "0"

Key Mil. Thou. Dol.

a. Cost of materials, parts, components, containers, etc., used 321

b. Cost of products bought and sold as such 222 ☐ 0 322

c. Cost of fuels consumed for heat and power 223 ☐ 0 323

d. Cost of purchased electricity 224 ☐ 0 324

e. Cost of contract work done for you by others 225 ☐ 0 325

f. TOTAL COST Sum of lines a through e 326

Item 6 — Not applicable to this report.

Item 7 — INVENTORIES OF THIS ESTABLISHMENT AT END OF YEAR

(Report both years)

Report inventories at cost or market using generally accepted accounting methods. For inventories at LIFO cost, use the sum of the LIFO inventory plus the LIFO reserve for completing a through e(2).

a. Finished goods 331 335

b. Work-in-process 332 336

c. Materials, supplies, fuels, etc. 333 337

d. TOTAL INVENTORIES Sum of lines a through c equals d 334 338

Report the following breakdown of line (d):

e. (1) Amount not subject to LIFO costing 364 368

(2) Amount subject to LIFO costing 365 369

Report the following applicable to line e(2):

f. (1) Amount of the LIFO reserve 366 370

(2) LIFO value of line e(2) 367 371

NOTE — The sum of lines e(1), f(1), and f(2) should equal line d.

Item 8 — CAPITAL EXPENDITURES IN 1982

Mark (X) if "0"

Key Mil. Thou. Dol.

a. Capital expenditures for NEW buildings and NEW machinery (1) Buildings and other structures (Exclude land.) 242 ☐ 0 342

(2) Machinery and equipment 243 ☐ 0 343

(3) TOTAL NEW CAPITAL EXPENDITURES Sum of lines (1) and (2) 244 ☐ 0 344

b. TOTAL capital expenditures for USED buildings and USED machinery (Exclude land.) 247 ☐ 0 347

CENSUS USE

PENALTY FOR FAILURE TO REPORT

CONTINUE ON PAGE 2

Items 9-14 - Not applicable to this report.

Item 15A - OPERATIONAL STATUSa. Mark **OO** the ONE box which best describes this establishment at the end of 1982.

- 001 ☐ In operation
☐ Temporarily or seasonally inactive
☐ Ceased operation - Give date at right ...
☐ Sold or leased TO another operator - Give date at right AND enter name, etc., below
☐ Acquired or leased FROM another operator - Give date at right AND enter name, etc., below

GIVE DATE
Enter figures only

| | |
|-------|------|
| Month | Year |
| | |

NAME OF NEW/FORMER OWNER OR OPERATOR

EI Number (9 digits)

NUMBER AND STREET

CITY

STATE

ZIP CODE

b. Is the FIRST DIGIT of your Census File Number (imprinted in the address box) a zero "0"?

☐ YES - Complete item 15B, a through c☐ NO - SKIP to item 16**Item 15B - OWNERSHIP AND CONTROL**

a. Is this company owned or controlled by another company?

- 097 ☐ YES
☐ NO

NAME AND ADDRESS OF OWNING OR CONTROLLING COMPANY

EI Number (9 digits)

b. Does this company own or control any other company or companies?

- 098 ☐ YES
☐ NO

NAME AND ADDRESS OF OWNED OR CONTROLLED COMPANY

EI Number (9 digits)

c. Did this company operate at more than one location during 1982?

079

☐ YES - List additional locations below☐ NO - SKIP to item 16

| Physical address of business location (Number and street, city, State, ZIP code) | Employer Identification Number | Kind of business at this location | Sales and receipts | | | Annual payroll | | | Number of employees during pay period including March 12 | Are these figures included on the front of this report? |
|--|-----------------------------------|--------------------------------------|--------------------|-------|------|----------------|-------|------|--|---|
| | | | (4) | | | (5) | | | | |
| (1) | (2) | (3) | Mil. | Thou. | Dol. | Mil. | Thou. | Dol. | (6) | (7) |
| | (9 digits) | | | | | | | | | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | (9 digits) | | | | | | | | | <input type="checkbox"/> YES <input type="checkbox"/> NO |

If more space is needed, attach separate sheet.

Item 16 - CHECKS TO ASSURE A COMPLETE AND ACCURATE REPORT

The Bureau of the Census reviews your report for omissions, inconsistencies, and unusual ratios. To save you future correspondence about these problems, please make the following checks before returning your report.

- Review the report carefully to see that no items are omitted for the year being covered.
- Calculate and enter figures for the four "reasonableness" checks below, and review the results.
- Correct your report for any errors you find and explain unusual figures in remarks.

For most manufacturing establishments, the figures computed usually fall within the ranges indicated.

| "Reasonableness" checks | Calculation required for each check | Figures for survey year | Usual range |
|--|---|-------------------------|-------------|
| a. Average hourly wages per production worker | Item 3Aa (Production workers' wages) ÷ Item 4e (Total hours worked) | \$/hr | \$3-\$15 |
| b. Hours worked per year per production worker | Item 4e (Total hours worked) ÷ Item 2c (Average number of production workers) | Hrs./yr. | 1000-3000 |
| c. Salaries and wages per dollar of shipments | Item 3Ac (Total payroll) ÷ Item 18 (Total value of shipments) | c | 05c-95c |
| d. Materials cost per dollar of shipments | Item 5f (Total materials cost) ÷ Item 18 (Total value of shipments) | c | 05c-95c |

e. Is the total for value of shipments (item 18) greater than the sum for total annual payroll (item 3Ac) plus total cost of materials, etc. (item 5f)?

☐ YES☐ NO - Explain in remarks

REMARKS - Please use this space for any explanations that may be essential in understanding your reported data.

SPECIAL INSTRUCTIONS FOR ITEMS 2-8

► **Item 2 - Number of employees** - Report all employees at this establishment who received pay for part of the pay period including the 12th of the specified months. Include officers at this establishment, if a corporation; if an unincorporated concern, exclude proprietor or partners.

► **Items 2a(1)-2a(4)** - **Number of production workers** - Report workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspecting, and other manufacturing.

► **Item 2d - All other employees** - Report nonproduction personnel, including those engaged in supervision (above the working foreman level), installation and servicing of own product, sales, delivery, professional, technical, administrative, etc.

► **Item 3a - Annual payroll before deductions** - Follow the definition of salaries and wages used for calculating the Federal withholding tax. Report gross earnings prior to deductions paid in the calendar year to those employees reported in item 2. Include commissions, dismissal pay, bonuses, and vacation pay.

► **Item 4 - Plant hours worked by production workers by quarter** - Include all production hours worked, including overtime hours, but excluding paid vacations, etc. These should be reported as actual hours worked, not straight-time equivalent hours.

► **Item 5 - Cost of materials, etc.** - Report total delivered cost after discounts and including freight of the materials actually consumed or put in production during the year. Include purchases, interplant transfers, and withdrawal from inventories.

If there are no records of consumption, purchases may be reported instead for minor items. This can also be done for major items if purchases do not differ significantly from the amounts actually used. Where consumption of major items differs significantly from purchases, consumption may be estimated by adding beginning inventories to the amount purchased and subtracting ending inventories.

► **Item 5a - Cost of materials, parts, components, containers, etc., used** - The delivered cost figures should cover all raw materials, containers, scrap, supplies, etc., which were: (1) put into production, (2) used as operating supplies, (3) used in repair and maintenance. Item 5a should be consistent with the data in item 17b.

► **Item 5b - Cost of products bought and sold** - Report the cost of all products bought and sold in the same condition as when purchased and not made part of another product manufactured by this establishment. (Total sales value of all products sold is to be reported in item 18 on the line for resales.)

► **Item 5c - Cost of fuels consumed** - Report the total cost of all fuels consumed for heat, power, transportation, or the generation of electricity. Do not include the estimated cost of fuels, such as sawdust or blast furnace gas, produced as a byproduct of your manufacturing activities. Include anthracite and bituminous coal, coke, natural and manufactured gas, fuel oil, liquefied petroleum gas, gasoline, and all other fuels, including purchased steam.

► **Item 5d - Cost of purchased electricity** - Report the total cost of electric energy purchased from other companies or received from other establishments of your company. Exclude the value of electricity generated and used at this establishment.

► **Item 5e - Cost of contract work done for you by others on your materials** - If any contract work was done by others on materials furnished by your establishment, report the total payments made during the year for such work, including freight out and in. Exclude the cost of materials worked on, which should be included in item 5a.

► **Item 7 - Inventories of this establishment at end of year (Report both years)** - Report the value of all inventories owned by this establishment regardless of where the inventories are held. If this establishment is part of a multiunit company, the company should assign to each establishment those inventories that the establishment is responsible for, as if it owned them. For example, in completing the report of a manufacturing establishment or sales branch, report those inventories that are attributable to its operations, even if the inventories are held elsewhere, e.g., at a warehouse operated by your company or in a public warehouse. These inventories of an operating establishment held elsewhere should not be reported on the report of the warehouse where they are actually stored. Inventories should not be duplicated on establishment reports.

► **Item 8 - Capital expenditures during year (Exclude expenditures for land)** - Include all costs actually incurred during 1982 chargeable to the fixed assets accounts and of the type for which depreciation or amortization accounts are ordinarily maintained. This should include construction and repair work performed by your own forces.

CONTINUE ON PAGE 3

FORM MC-3609

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUSPLEASE ENTER THIS ESTABLISHMENT'S
11-DIGIT CENSUS FILE NUMBER

Name of establishment (Same as address box)

1982 CENSUS OF MANUFACTURES

LIGHTING FIXTURES - Continued

Item 17A - WATER USE DURING 1982

Mark (X) one box only

1. What was the total quantity of water intake for this establishment for use in the production process and auxiliary operations (such as cooling and condensing, sanitary services, and boiler feed) during the calendar year 1982?

- 1 ☐ Under 1 million gallons
2 ☐ 1-9 million gallons
3 ☐ 10-19 million gallons
4 ☐ 20-49 million gallons
5 ☐ 50-99 million gallons
6 ☐ 100 million gallons or over

2. Did you recirculate any water during the calendar year 1982?

- 1 ☐ YES
2 ☐ NO

Item 17B - CONSUMPTION OF SELECTED MATERIALS DURING 1982

Instructions - Please read

1. GENERAL - The materials, parts, and supplies listed below are those commonly consumed in the manufacture, processing, or assembly of the products listed in item 18. Please review the entire list and report separately each item consumed. Leave blank if you do not consume the item. If you use materials, parts, and supplies which are not prelisted, describe and report them in the "Cost of all other materials..." line at the end of this section. If you consume some but less than \$10,000 of a listed material, enter an (X) in column (E) and include the value with "Cost of all other materials..." Census material code 970099 8.

Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.

If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.

2. VALUATION OF MATERIALS CONSUMED - The value of the materials, etc., consumed should be based on the delivered cost; i.e., the amount paid or payable after discounts and including freight and other direct charges incurred in acquiring the materials.

Materials received from other plants within your company should be reported at their full economic value (the value assigned by the shipping plant, plus the cost of freight and other handling charges).

If purchases or transfers do not differ significantly from the amounts actually put into production, you may report the cost of purchases or transfers. However, if consumption differs significantly from the amounts purchased or transferred, these amounts should be adjusted for changes in the materials and supplies inventories by adding the beginning inventory to the amounts purchased or transferred and subtracting ending inventory.

3. MATERIALS PRODUCED AND CONSUMED - Materials, parts, and supplies which are produced and consumed in this establishment in the manufacturing process should be reported in column (C-1). Report only quantities of these materials. Please note that the materials used to produce these items should also be reported in this section.

4. CONTRACT WORK - Include as materials consumed those you purchased for use by others making products for you under contract. Amounts paid to the companies doing the contract work should be reported in item 5e (page 1), and should include freight in and out. On the other hand, materials owned by others but used at this establishment in making products for others under contract or on commission should be excluded.

| Line number | Materials, parts, and supplies | | Census material code | Unit of measure for quantities | Quantities produced and consumed | Materials purchased and consumed | | | | If you consumed some but less than \$10,000 of the item, enter (X) | |
|-------------|--|--------------|--|---|----------------------------------|----------------------------------|--|-------------|---------|--|---------|
| | | | | | | Quantity | Cost, including delivery cost (freight-in) | | | | S75 (E) |
| | | | | | | | (D) | (F) | (G) | | |
| | (A) | (B-1) | (B-2) | (C-1) | (C-2) | S74 Millions | S74 Thousands | S74 Dollars | S75 (E) | | |
| 1 | MILL SHAPES AND FORMS (EXCEPT CASTINGS AND FORGINGS) | Carbon steel | Bars and bar shapes | 331011 7 | Short tons | | | | | | |
| 2 | | | Sheet and strip | 331012 5 | | | | | | | |
| 3 | | | Plates | 331013 3 | | | | | | | |
| 4 | | | Structural shapes | 331015 8 | | | | | | | |
| 5 | | | Wire and wire products | 331017 4 | | | | | | | |
| 6 | | | All other | 331019 0 | | | | | | | |
| 7 | | | Alloy steel, except stainless | 331020 8 | Thousand pounds | | | | | | |
| 8 | | | Stainless steel | Sheet and strip | | 331033 1 | | | | | |
| 9 | | | | All other stainless steel mill shapes and forms | | 331050 5 | | | | | |
| 10 | | | Insulated wire and cable, except magnet wire | Copper - Report the quantity of the copper content in column (C-2) | | 335792 8 | | | | | |
| 11 | | | | Aluminum - Report the quantity of the aluminum content in column (C-2) | | 335793 6 | | | | | |
| 12 | | | Magnet wire | | | 335770 4 | | | | | |
| 13 | | | Copper and copper-base alloy | Bare wire (for electrical conduction only) | 335728 2 | Thousand pounds | | | | | |
| 14 | | | | Rod, bar, and mechanical wire (including extruded and/or drawn shapes) | 335102 0 | | | | | | |
| 15 | | | | Plate, sheet, and strip (including military cups and discs) | 335143 4 | | | | | | |
| 16 | | | | Pipe and tube | 335152 5 | | | | | | |
| 17 | | | Aluminum and aluminum-base alloy | Sheet, plate and foil | 335301 8 | | | | | | |
| 18 | | | | Extruded shapes (including extruded rod, bar, pipe, tube, etc.) | 335405 7 | | | | | | |
| 19 | | | | All other (wire, rolled rod and bar, powder, welded tubing, etc.) | 335008 9 | Short tons | | | | | |
| 20 | | | Aluminum and aluminum-base alloy refinery shapes | | 333401 8 | | | | | | |
| 21 | | | CASTINGS (ROUGH AND SEMIFINISHED) | Iron (gray and malleable) | 332011 6 | | | | | | |
| 22 | | | | Steel | 332045 4 | | | | | | |
| 23 | | | | Aluminum and aluminum-base alloy | 336100 3 | | | | | | |
| 24 | | | | Copper and copper-base alloy | 336200 1 | | | | | | |
| 25 | | | | Other nonferrous - Mark (X) types of material used <input type="checkbox"/> Lead <input type="checkbox"/> Magnesium <input type="checkbox"/> Zinc <input type="checkbox"/> Other | 336902 2 | Thousand pounds | | | | | |
| 26 | | | Plastics products consumed in the form of sheets, rods, tubes, and other shapes | | 307903 5 | | | | | | |
| 27 | | | Plastics resins consumed in the form of granules, pellets, powders, liquids, etc., but exclude sheets, rods, tubes, and shapes | | 282104 9 | | | | | | |
| 28 | | | Paperboard containers, boxes, and corrugated paperboard | | 265001 8 | | Short tons | | | | |
| 29 | | | Fabricated plastics products, except gaskets | | 307902 7 | | | | | | |
| 30 | | | Bolts, nuts, screws, washers, rivets, and screw machine products | | 345001 2 | | | | | | |
| 31 | | | Specialty transformers and fluorescent ballasts | | 361201 7 | | | | | | |
| 32 | | | Current carrying wiring devices | | 364300 4 | | | | | | |
| 33 | | | Electric lamp bulbs | | 364101 6 | | | | | | |
| 34 | | | Flat glass (plate, float and sheet) | | 321101 8 | 1,000 sq. ft. | | | | | |
| 35 | | | Lamp shades | | 399951 3 | | | | | | |
| 36 | | | Cost of all other materials and components, parts, containers, and supplies (including those values checked in column (E)) Describe the three principal materials, etc., included in this value. | | 970099 8 | | | | | | |
| 37 | | | TOTAL | | | | | | | | |
| | | | Sum of lines 1-36 should be same as item 5a | | | | | | | | |
| | | | | | | | | | | | |

CONTINUE ON PAGE 4

Item 18 — PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1982

Instructions — Please read

1. **GENERAL** — The products and services listed below are those that are generally made in your industry. If you make products that are not prelisted, describe and report them in the "All other products made in this establishment" section at the end of item 18. Please do not combine product lines.

If quantities are requested, please use the unit of measure specified.

If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.

2. **VALUATION OF PRODUCTS** — Report the value of the products shipped and services performed at the net selling value, f.o.b. plant; i.e., after discounts and allowances, and exclusive of freight charges and excise taxes.

If you transfer products to other establishments within your company, you should assign the full economic value to the transferred products; i.e., include all direct costs of production and a reasonable proportion of all other costs and profits.

3. **CONTRACT WORK** — Report products made by others for you from your materials on the specific lines as if they were made in this establishment. On the other hand, do not report on the specific product lines products that you made from materials owned by others. Report only the amount that you received for "commission or contract receipts" under Census product code 93000 00 8.

4. **RESALES** — Do not report on the specific product lines those products bought and sold without further manufacture. Report only the total value under Census product code 99989 00 6, "Resales."

5. **DETAILED DATA REPORTED ELSEWHERE** — Items denoted by an asterisk (*) require totals for groups of products covered in the more frequent Current Industrial Reports (CIR). If you report on the CIR forms, the sum of the detailed CIR products should equal the total reported on this census form.

NOTE: Only CIR totals are requested; do not duplicate detail reported on the CIR.

| Line number | Products and services * Item corresponds to products reported on Current Industrial Reports | | Census product code 581 (B-1) | Corresponds to the sum of value item codes | | Products shipped and other receipts | | |
|-------------|--|---|---|--|---------------------|-------------------------------------|-----------------|---------|
| | | | | Census form (B-3) | Item codes (B-4) | Value, f.o.b. plant (E) | | |
| | | | | | | 584 Millions | Thous- sands | Dollars |
| 1 | (A) | | | | | | | |
| 2 | Residential type electric fixtures, except portable (including parts and accessories) (36451)* | | 36451 00 3 | MA-36L | 2111-2169 | \$ | | |
| 3 | PORTABLE RESIDENTIAL TYPE LIGHTING FIXTURES, AND PARTS FOR ALL RESIDENTIAL LIGHTING FIXTURES (36457) | Incandescent portable lamps, complete | Complete with shade | Floor lamps | 36457 21 6 | | | |
| 4 | | | Wall lamps (including adjustable types) | 36457 22 4 | | | | |
| 5 | | | Table lamps | 36457 23 2 | | | | |
| 6 | | | Other (including boudoir) — Specify kind | 36457 29 9 | | | | |
| 7 | | | Lamps sold without shades (including floor, table, etc.) | 36457 32 3 | | | | |
| 8 | | | Portable lamps (desk, etc.), fluorescent | 36457 61 2 | | | | |
| 9 | Parts and accessories for portable residential lighting fixtures | | 36457 73 7 | | | | | |
| 10 | Commercial and institutional type electric lighting fixtures (including parts and accessories) (36462)* | | 36462 00 0 | MA-36L | 2211-2298 | | | |
| 11 | Industrial type electric lighting fixtures (including parts and accessories) (36463)* | | 36463 00 8 | MA-36L | 2302-2339 | | | |
| 12 | Vehicular lighting equipment, electric (including parts and accessories) (36470)* | | 36470 00 3 | MA-36L | 2401-2439 | | | |
| 13 | Outdoor lighting equipment (including parts and accessories) (36485)* | | 36485 00 1 | MA-36L | 2510-2598 | | | |
| 14 | OTHER ELECTRIC AND NONELECTRIC LIGHTING EQUIPMENT (INCLUDING HAND PORT- ABLE EQUIP- MENT AND PARTS AND ACCESSORIES) (36489) | Incandescent hand portable lighting equipment, except parts | Flashlights and flashlight lanterns (one to five cells) | 36489 11 0 | | | | |
| 15 | | | Other, such as miners' lights, emergency warning lights, generator flashlights, etc. — Specify kind | 36489 19 3 | | | | |
| 16 | | Other incandescent electric lighting equipment (including marine markers or beacons, railway and other vehicular route lighting equipment, etc., except parts and accessories) — Specify kind | | 36489 31 8 | | | | |
| 17 | | Other fluorescent lighting equipment, complete units (including processing and technical equipment) — Specify kind | | 36489 75 5 | | | | |
| 18 | | Other electric lighting equipment (including electrical discharge such as mercury vapor (other than street and highway lighting equipment), sodium vapor, etc., excluding signs) — Specify kind | | 36489 21 9 | | | | |
| 19 | | Ultraviolet and infrared health lamp fixtures (excluding lamp bulbs sold separately) | | 36489 91 2 | | | | |
| 20 | | Parts and accessories for other electric lighting fixtures, n.e.c. | | 36489 70 6 | | | | |
| 21 | | Nonelectric lighting equipment (including parts) | Lamps and lanterns (including kerosene, gasoline, propane, butane, etc.) | 36489 83 9 | | | | |
| 22 | | | Other nonelectric lighting fixtures and equipment, complete units (including carbide lamps of all types) — Specify kind | 36489 87 0 | | | | |
| 23 | | | Parts and accessories for nonelectric lighting equipment (including reflectors and fittings, incandescent mantles, etc.) — Specify kind | 36489 85 4 | | | | |
| 24 | Automotive mirrors | | 32315 71 5 | | | | | |
| 25 | Motor vehicle hardware (including lock units, door and window handles, window regulators, hinges, license plate brackets, instrument panel knobs, etc.) | | 34296 53 3 | | | | | |
| 26 | Lampholders* | | 36430 10 6 | MA-36K | 3000-3026 | | | |
| 27 | Parts and accessories for motor vehicles, passenger cars, trucks, and buses (excluding kits and rebuilt units) — Specify kind | | 37141 00 9 | | | | | |
| 28 | ALL OTHER PRODUCTS MADE IN THIS ESTABLISHMENT | Describe and report separately each product with a sales value of \$50,000 or more which cannot be assigned to one of the lines above. For all remaining products, write "Other" and report a single total value. | | 18 | | | | |
| 29 | | | 26 | | | | | |
| 30 | | | 34 | | | | | |
| 31 | | | 42 | | | | | |
| 32 | | | 59 | | | | | |
| 33 | | | 67 | | | | | |
| 34 | CONTRACT WORK | | Receipts for work done for others on their own materials — Describe below products worked on and kind of work | 93000 00 8 | | | | |
| 35 | MISCELLANEOUS RECEIPTS | | Sales of scrap and refuse | 99980 13 8 | | | | |
| 36 | | | Other miscellaneous receipts (including receipts for repair work, etc.) | 99980 98 9 | | | | |
| 37 | RESALES | | Sales of products bought and sold without further manufacture, processing, or assembly in this establishment. The cost of such items should be reported in item 5b. | 99989 00 6 | | | | |
| 38 | TOTAL value of shipments and other receipts Sum of lines 1-36, column (E) | | 77000 00 8 | | | \$ | | |

CONTINUE ON PAGE 5 →

| FORM MC-3609 | | U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS | | PLEASE ENTER THIS ESTABLISHMENT'S 11-DIGIT CENSUS FILE NUMBER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|--|---|-------------|--------------------------|--|--|-----|----|------------|----------------------------|----------------------------|-------------|-----------|-------------|---|--|---|-----|--|-----|-----|--|-----|-----|-----|----|-----|---|-------------------------|-----|----------------------------|----------------------------|--|---|--|-----|----------------------------|----------------------------|--|---|-------------------------------------|-----|----------------------------|----------------------------|--|---|----------------------------------|-----|----------------------------|----------------------------|--|---|--------------|-----|----------------------------|----------------------------|--|---|---|-----|----------------------------|----------------------------|--|---|---------------------------------|-----|----------------------------|----------------------------|--|---|---|-----|----------------------------|----------------------------|--|---|---|-----|----------------------------|----------------------------|--|
| 1982 CENSUS OF MANUFACTURES LIGHTING FIXTURES - Continued | | | | Name of establishment (Same as address box) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item 19 - Not applicable to this report. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item 20 - SELECTED METAL WORKING AND RELATED OPERATIONS PERFORMED IN THIS ESTABLISHMENT DURING 1982 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="float: right; border: 1px solid black; padding: 2px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Census code</th> <th colspan="2" style="text-align: center;">Mark (X) appropriate box</th> </tr> <tr> <th></th> <th style="text-align: center;">YES</th> <th style="text-align: center;">NO</th> </tr> <tr> <td>S91 208</td> <td style="text-align: center;">1 <input type="checkbox"/></td> <td style="text-align: center;">2 <input type="checkbox"/></td> </tr> </table> </div> <p>Were any of the operations listed below performed in this establishment in 1982?</p> <p>If "Yes," indicate in column (C) by marking appropriately, which of the specified operations were performed in this establishment during 1982. Where "Yes" is marked, show in column (D) the approximate number of production workers on all shifts usually engaged in the specified operation.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="3" style="width: 5%;">Line number</th> <th rowspan="3" style="width: 55%;">Operation</th> <th rowspan="3" style="width: 5%;">Census code</th> <th colspan="2" style="width: 15%;">Was this operation performed in this establishment during 1982?</th> <th rowspan="3" style="width: 20%;">Number of production workers (on all shifts) usually employed when operated (estimate if necessary)</th> </tr> <tr> <th colspan="2" style="text-align: center;">(C)</th> </tr> <tr> <th style="width: 5%;">S91</th> <th style="width: 5%;">S92</th> </tr> <tr> <th></th> <th style="text-align: center;">(A)</th> <th style="text-align: center;">(B)</th> <th style="text-align: center;">YES</th> <th style="text-align: center;">NO</th> <th style="text-align: center;">(D)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Foundry (iron or steel)</td> <td>018</td> <td style="text-align: center;">1 <input type="checkbox"/></td> <td style="text-align: center;">2 <input type="checkbox"/></td> <td></td> </tr> <tr> <td>2</td> <td>Foundry (nonferrous, except die casting)</td> <td>026</td> <td style="text-align: center;">1 <input type="checkbox"/></td> <td style="text-align: center;">2 <input type="checkbox"/></td> <td></td> </tr> <tr> <td>3</td> <td>Die casting (nonferrous metal only)</td> <td>034</td> <td style="text-align: center;">1 <input type="checkbox"/></td> <td style="text-align: center;">2 <input type="checkbox"/></td> <td></td> </tr> <tr> <td>4</td> <td>Electroplating and other plating</td> <td>059</td> <td style="text-align: center;">1 <input type="checkbox"/></td> <td style="text-align: center;">2 <input type="checkbox"/></td> <td></td> </tr> <tr> <td>5</td> <td>Machine shop</td> <td>091</td> <td style="text-align: center;">1 <input type="checkbox"/></td> <td style="text-align: center;">2 <input type="checkbox"/></td> <td></td> </tr> <tr> <td>6</td> <td>Tool and die shop (if separate from machine shop) for jigs, fixtures, dies, and other special tooling</td> <td>109</td> <td style="text-align: center;">1 <input type="checkbox"/></td> <td style="text-align: center;">2 <input type="checkbox"/></td> <td></td> </tr> <tr> <td>7</td> <td>Plate or structural fabrication</td> <td>125</td> <td style="text-align: center;">1 <input type="checkbox"/></td> <td style="text-align: center;">2 <input type="checkbox"/></td> <td></td> </tr> <tr> <td>8</td> <td>Stamping, blanking, and forming of metals</td> <td>133</td> <td style="text-align: center;">1 <input type="checkbox"/></td> <td style="text-align: center;">2 <input type="checkbox"/></td> <td></td> </tr> <tr> <td>9</td> <td>Painting, lacquering, and enameling on metals</td> <td>141</td> <td style="text-align: center;">1 <input type="checkbox"/></td> <td style="text-align: center;">2 <input type="checkbox"/></td> <td></td> </tr> </tbody> </table> | | | | | | Census code | Mark (X) appropriate box | | | YES | NO | S91 208 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | Line number | Operation | Census code | Was this operation performed in this establishment during 1982? | | Number of production workers (on all shifts) usually employed when operated (estimate if necessary) | (C) | | S91 | S92 | | (A) | (B) | YES | NO | (D) | 1 | Foundry (iron or steel) | 018 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | 2 | Foundry (nonferrous, except die casting) | 026 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | 3 | Die casting (nonferrous metal only) | 034 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | 4 | Electroplating and other plating | 059 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | 5 | Machine shop | 091 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | 6 | Tool and die shop (if separate from machine shop) for jigs, fixtures, dies, and other special tooling | 109 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | 7 | Plate or structural fabrication | 125 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | 8 | Stamping, blanking, and forming of metals | 133 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | 9 | Painting, lacquering, and enameling on metals | 141 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | |
| Census code | Mark (X) appropriate box | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | YES | NO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S91 208 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Line number | Operation | Census code | Was this operation performed in this establishment during 1982? | | Number of production workers (on all shifts) usually employed when operated (estimate if necessary) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | (C) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | S91 | S92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (A) | (B) | YES | NO | (D) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Foundry (iron or steel) | 018 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Foundry (nonferrous, except die casting) | 026 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Die casting (nonferrous metal only) | 034 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Electroplating and other plating | 059 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Machine shop | 091 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Tool and die shop (if separate from machine shop) for jigs, fixtures, dies, and other special tooling | 109 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Plate or structural fabrication | 125 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Stamping, blanking, and forming of metals | 133 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Painting, lacquering, and enameling on metals | 141 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item 21 - Not applicable to this report. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REMARKS - Please use this space for any explanations that may be essential in understanding your reported data. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item 22 - CERTIFICATION - This report is substantially accurate and has been prepared in accordance with instructions. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name of person to contact regarding this report <small>Print or type</small> | | Telephone <div style="border-bottom: 1px solid black; display: flex; justify-content: space-between; width: 100%;"> Area code Number Extension </div> | | FROM: Mo. Day Year TO: Mo. Day Year Period covered by this report → | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address - Number and street | | | | Signature of authorized person | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City | State | ZIP code | Title | Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

FORM

MC-3671

1982 CENSUS OF MANUFACTURES

ELECTRIC LIGHTING FIXTURES

O M B. APPROVAL NO. 0607 0399. EXPIRES 12/84

NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

Please complete this form and RETURN TO

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, Indiana 47134

DUE DATE: FEBRUARY 15, 1983

If you cannot file by the due date, a time extension request should be sent to the above address; please include your 11-digit Census File Number (CFN).

CENSUS USE

In correspondence pertaining to this report, please refer to this Census File Number (CFN)

Employer Identification (EI) Number

MC-3671

Please correct errors in name, address, and ZIP code. ENTER street and number if not shown.

Item 1A — EMPLOYER IDENTIFICATION NUMBER

Is the Employer Identification (EI) Number shown in the label the SAME as that used for this establishment on its latest 1982 Employer's Quarterly Federal Tax Return, Treasury Form 941?

094 ☐ YES

2 ☐ NO — Enter current EI Number →

(9 digits)

Item 1B — PHYSICAL LOCATION OF ESTABLISHMENT

Answer parts a, b, c, and d

NOTE: P.O. boxes or rural routes are not physical locations.

a. ☐ Same as shown in mailing label. If different, indicate actual physical location.

NUMBER AND STREET

CITY, TOWN, VILLAGE, ETC.

STATE

ZIP CODE

b. Is this establishment physically located inside the legal boundaries of the city, town, village, etc.?

095 ☐ YES

2 ☐ NO

3 ☐ No legal boundaries

4 ☐ Don't know

c. Type of municipality where physically located

096 ☐ City, village, or borough

2 ☐ Town or township

3 ☐ Other or don't know

d. Name of county where physically located

Item 1C — ORGANIZATIONAL STATUS — Mark (X) the ONE box which best describes this establishment during 1982

003 ☐ Individual proprietorship

2 ☐ Partnership

3 ☐ Cooperative association (taxable)

4 ☐ Cooperative association (tax-exempt)

5 ☐ Government — Specify

0 ☐ Corporation (do not mark if any form of cooperative association)

9 ☐ Other — Specify

Item 1D — PRINCIPAL ACTIVITY — Mark (X) the ONE box that best describes the PRINCIPAL kind of business or industrial activity of this establishment.

070 ☐ Manufacturing (fabricating, assembling, or processing materials into new products. Also include such activities as: logging, apparel jobbing, publishing, printing, and machine shops.)

2 ☐ Minerals extraction, quarrying, production, or exploration

3 ☐ Construction (including general contracting, subcontracting, home building, and land subdividing and developing)

4 ☐ Wholesale operations

5 ☐ Retail stores

6 ☐ Other

If you have marked (X) in boxes 2–6 above, describe your principal activity below (for example, steel service center, coal mining, hardware distributor, etc.)

Item 2 — EMPLOYMENT IN 1982

Key **Number of employees**

a. Number of production workers (during pay period including the 12th of March)

308

b. All other employees at this establishment (during pay period including the 12th of March)

307

c. TOTAL — Sum of lines a and b →

308

HOW TO REPORT DOLLAR FIGURES

Value figures may be reported in dollars or rounded to thousands. Example: If a figure is \$1,125,628, report either

Preferred

Acceptable

| Mil- | Thou- | Dol- |
|-------|-------|-------|
| lions | sands | lars |
| (000) | (000) | (000) |
| 1 | 126 | |
| 1 | 125 | 628 |

Item 3 — ANNUAL PAYROLL FOR 1982

Total annual payroll for all employees before deductions (as reported on Federal withholding tax Form 941)

Key **Mil.** **Thou.** **Dol.**

311

Item 5 — COST OF MATERIALS FOR 1982

Include cost of parts, components, fuels, electricity; cost of products bought and sold as such, and contract work

Key **Mil.** **Thou.** **Dol.**

326

Item 7 — VALUE OF INVENTORIES

Include finished products, work in process, materials, supplies, fuels, etc.

a. End of 1981

334

b. End of 1982

338

Item 8 — CAPITAL EXPENDITURES IN 1982

Include expenditures for buildings and other structures and machinery and equipment

Mark (X) if "0"

a. New buildings (Exclude land.)

242 ☐ 0

342

b. New equipment

243 ☐ 0

343

c. Used buildings and equipment

247 ☐ 0

347

Item 15 — OPERATIONAL STATUS — Mark (X) the ONE box which best describes this establishment at the end of 1982.

001 ☐ In operation

2 ☐ Temporarily or seasonally inactive

3 ☐ Ceased operation — Give date →

4 ☐ Sold or leased to another operator — Give date at right AND enter name, etc., below

Figures only

| Month | Day | Year |
|-------|-----|------|
| | | |

NAME OF NEW OWNER OR OPERATOR

EI Number (9 digits) →

NUMBER AND STREET

CITY

STATE

ZIP CODE

Items 4, 6, 9–14, 16, and 17 — Not applicable to this report

PENALTY FOR FAILURE TO REPORT

CONTINUE ON PAGE 2 →

Item 18 — PRODUCTS AND SERVICES OF THIS ESTABLISHMENT

| Line No. | The products and services listed below are those that are generally made in your industry. Please review the entire list before completing the inquiry. If you make products that are not prelisted, describe and report each product separately in the "All other products . . ." lines 27—32. Please do not combine product lines. Reasonable estimates are acceptable. | | | Census product code | 1982 value, f.o.b. plant (E) | | |
|----------|---|---|---|---------------------|------------------------------|------|-------|
| | | | | | 584 | Mil. | Thou. |
| | (A) | | 581 | (B) | | | |
| 1 | Residential type electric fixtures, except portable, including parts and accessories | | | 36451 00 3 | \$ | | |
| 2 | PORTABLE RESIDENTIAL TYPE LIGHTING FIXTURES, AND PARTS FOR ALL RESIDENTIAL LIGHTING FIXTURES (36457) | Incandescent portable lamps, complete | Complete with shade | Floor lamps | 36457 21 6 | | |
| 3 | | | Wall lamps, including adjustable types | 36457 22 4 | | | |
| 4 | | | Table lamps | 36457 23 2 | | | |
| 5 | | | Other, including boudoir — <i>Specify kind</i> | | | | |
| 6 | | | Lamps sold without shades, including floor, table, etc. | 36457 29 9 | | | |
| 7 | | Portable lamps (desk, etc.), fluorescent | | 36457 32 3 | | | |
| 8 | Parts and accessories for portable residential lighting fixtures | | | 36457 61 2 | | | |
| 9 | Commercial and institutional type electric lighting fixtures, including parts and accessories | | | 36457 73 7 | | | |
| 10 | Industrial type electric lighting fixtures, including parts and accessories | | | 36462 00 0 | | | |
| 11 | Vehicular lighting equipment, electric, including parts and accessories | | | 36463 00 8 | | | |
| 12 | Outdoor lighting equipment, including parts and accessories | | | 36470 00 3 | | | |
| 13 | OTHER ELECTRIC AND NONELECTRIC LIGHTING EQUIPMENT, INCLUDING HAND PORTABLE EQUIPMENT AND PARTS AND ACCESSORIES (36489) | Incandescent hand portable lighting equipment, except parts | Flashlights and flashlight lanterns (one to five cells) | | 36485 00 1 | | |
| 14 | | | Other, such as miners' lights, emergency warning lights, generator flashlights, etc. — <i>Specify kind</i> | | 36489 11 0 | | |
| 15 | | | Other incandescent electric lighting equipment, including marine markers or beacons, railway and other vehicular route lighting equipment, etc., except parts and accessories — <i>Specify kind</i> | | 36489 19 3 | | |
| 16 | | | Other electric lighting equipment, including marine markers or beacons, railway and other vehicular route lighting equipment, etc., except parts and accessories — <i>Specify kind</i> | | 36489 31 8 | | |
| 17 | | | Other electric lighting equipment, including electrical discharge such as mercury vapor (other than street and highway lighting equipment), sodium vapor, etc., excluding signs — <i>Specify kind</i> | | 36489 21 9 | | |
| 18 | | | Other fluorescent lighting equipment, complete units, including processing and technical equipment — <i>Specify kind</i> | | 36489 75 5 | | |
| 19 | | | Ultraviolet and infrared health lamp fixtures, excluding lamp bulbs sold separately | | 36489 91 2 | | |
| 20 | | | Parts and accessories for other electric lighting fixtures, n.e.c. | | 36489 70 6 | | |
| 21 | | Nonelectric lighting equipment, including parts | Lamps and lanterns, including kerosene, gasoline, propane, butane, etc. | | 36489 83 9 | | |
| 22 | | | Other nonelectric lighting fixtures and equipment, complete units, including carbide lamps of all types — <i>Specify kind</i> | | 36489 87 0 | | |
| 23 | | Parts and accessories for nonelectric lighting equipment, including reflectors and fittings, incandescent mantles, etc. — <i>Specify kind</i> | | 36489 85 4 | | | |
| 24 | Automotive mirrors | | | 32315 71 5 | | | |
| 25 | Motor vehicle hardware, including lock units, door and window handles, window regulators, hinges, license-plate brackets, instrument panel knobs, etc. | | | 34296 53 3 | | | |
| 26 | Lampholders | | | 36430 10 6 | | | |
| 27 | Motor vehicle parts and accessories (exclude rebuilt) — <i>Specify kind</i> | | | 37141 00 9 | | | |
| 28 | ALL OTHER PRODUCTS MADE IN THIS ESTABLISHMENT | Describe and report separately each product with a sales value of \$50,000 or more which cannot be assigned to one of the lines above. For all remaining products, write "Other" and report a single total value. | | | 18 | | |
| 29 | | | | | 26 | | |
| 30 | | | | | 34 | | |
| 31 | | | | | 42 | | |
| 32 | | | | | 59 | | |
| 33 | | | | | 67 | | |
| 34 | CONTRACT WORK (Receipts for work done for others on their own materials) | | | 93000 00 8 | | | |
| 35 | MISCELLANEOUS RECEIPTS , including repair work and sale of scrap | | | 99980 00 5 | | | |
| 36 | RESALES (Items bought and sold without further processing) | | | 99989 00 6 | | | |
| 37 | TOTAL value of shipments and other receipts — Sum of lines 1 through 35 → | | | 77000 00 8 | \$ | | |

Items 19—21 — Not applicable to this report.

REMARKS — Please use this space for any explanations that may be essential in understanding your reported data.

Item 22 — CERTIFICATION — This report is substantially accurate and has been prepared in accordance with instructions.

| | | | | | |
|--|-----------|--------|---------------------------------|--------------------------------|--------------|
| Name of person to contact regarding this report — <i>Print or type</i> | | | Period covered by this report → | FROM: Mo. Year | TO: Mo. Year |
| Telephone → | Area code | Number | Extension | Signature of authorized person | |
| | | | | Date | |

DUE DATE:

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUSFORM
MA-1000 (MU)

FORMERLY MA-100 (MU)

1982 ANNUAL SURVEY OF MANUFACTURES

• NOTE — The Annual Survey of Manufactures Form MA-1000(MU) is the first sheet of the 1982 Census of Manufactures form.

OMB APPROVAL NO. 0507-0336 EXPIRES 12-84

NOTICE — Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

Please complete this form and RETURN TO
BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, Indiana 47134

Note — PLEASE READ ALL ACCOMPANYING INSTRUCTIONS

Item 1A — Employer Identification Number(s)
Is the Employer Identification (EI) Number printed in the upper right of the address box the SAME as that used for this establishment on its latest 1982 Employer's Quarterly Federal Tax Return, Treasury Form 941?

094 1 ☐ YES (9 digits)
2 ☐ NO — Enter current EI Number →

In correspondence pertaining to this report please refer to this Census File Number (CFN)

Employer Identification (EI) Number

201 TAB
202 IND-6
203 AREA
204 INFL
205 CCS

Please correct errors in name, address, and ZIP code. ENTER street and number if not shown.

Item 1B — Physical location
a. Is this establishment located in the State, county, and place shown at the right? (If blank or incomplete, please complete (1) through (4).)
1 ☐ YES — SKIP to part b
2 ☐ NO — Correct or complete lines (1) through (4)

(1) Number and street
(2) City, village, or other place State ZIP code
(3) County (4) If you corrected lines 1, 2, 3, give year moved to new location 19

b. Is this establishment physically located inside the legal boundaries of the city, town, village, etc., indicated in part a(2)?
095 1 ☐ YES 2 ☐ NO 3 ☐ No legal boundaries 4 ☐ Don't know
c. Type of municipality indicated in part a(2)?
096 1 ☐ City, village, or borough 2 ☐ Town or township 3 ☐ Other or don't know

Item 1C — Organizational status
Mark (X) the ONE box which best describes this establishment during 1982.

003 1 ☐ Individual proprietorship 4 ☐ Cooperative association (tax exempt)
2 ☐ Partnership 5 ☐ Government — Specify
3 ☐ Cooperative association (taxable) 6 ☐ Corporation (do not mark if any form of cooperative association) 9 ☐ Other — Specify

HOW TO REPORT

Figures for dollars, plant-hours, KWH should be rounded to thousands. However, you may enter figures to nearest unit. Carefully enter your figures in the correct columns, e.g., if payroll is \$1,125,628, report either

Mil-
lions
1000
\$1 125 628
Thou-
sands
1000
\$1 125 628
Dol-
lars
1000
\$1 125 628
OR
Mil-
lions
1000
\$1 125 628
Thou-
sands
1000
\$1 125 628
Dol-
lars
1000
\$1 125 628

| COMPLETE EACH ITEM, ENTER "0" WHEN APPROPRIATE | Key | 1982 Number | 1981 Number |
|---|-----|----------------|----------------|
| Item 2 — Number of employees at this establishment | | | |
| a. March | 301 | | |
| b. May | 302 | | |
| c. August | 303 | | |
| d. November | 304 | | |
| e. Sum of lines a-d | 305 | | |
| f. Average number (Divide line e by 4) | 306 | | |
| g. All other employees (pay period of March 12) | 307 | | |
| h. TOTAL f and g (item 2) | 308 | | |
| Item 3A — Annual payroll for employees in item 2, before deductions | | | |
| a. Production workers' wages | 309 | | |
| b. All other salaries and wages | 310 | | |
| c. TOTAL (item 3A) | 311 | | |
| Item 3B — Employer's cost for fringe benefits (supplemental labor costs) (Exclude from Items 3A and 3C) | | | |
| a. Legally required including Social Security | 312 | | |
| b. Payments for voluntary programs | 313 | | |
| c. TOTAL (item 3B) | 314 | | |
| Item 3C — First quarter payroll, before deductions | | | |
| Total payroll for the first quarter (Jan.-Mar.) | 315 | | |
| Item 4 — Plant hours worked by production workers | | | |
| a. January through March | 316 | | |
| b. April through June | 317 | | |
| c. July through September | 318 | | |
| d. October through December | 319 | | |
| a. TOTAL (item 4) | 320 | | |

| Item 5 — Cost of materials and services used | Mark (X) if "0" | Key | 1982 Mil. Thou. Dol. | 1981 Mil. Thou. Dol. |
|---|--------------------------------|-----|-------------------------|-------------------------|
| a. Cost of materials, parts, components, containers, etc., used | | 321 | | |
| b. Cost of products bought and sold as such | 222 <input type="checkbox"/> 0 | 322 | | |
| c. Cost of fuels consumed for heat or power | 223 <input type="checkbox"/> 0 | 323 | | |
| d. Cost of purchased electricity (See item 6) | 224 <input type="checkbox"/> 0 | 324 | | |
| e. Cost of contract work done for you by others | 225 <input type="checkbox"/> 0 | 325 | | |
| f. TOTAL (item 5) | | 326 | | |
| Item 6 — Quantity of electricity | | | | |
| a. Purchased electricity (quantity comparable to cost as reported in item 5d) | | 327 | | |
| b. Generated electricity (gross less generating station use) | | 328 | | |
| c. Electricity sold or transferred to other establishments | | 329 | | |
| Item 7 — Inventories of this establishment at end of year (Report both years) | | | | |
| Report inventories at cost or market using generally accepted accounting methods. For inventories at LIFO cost, use the sum of the LIFO amount plus the LIFO reserve for completing e through a(2). | | | | |
| a. Finished goods | | 335 | | 331 |
| b. Work-in-process | | 336 | | 332 |
| c. Materials, supplies, fuels, etc. | | 337 | | 333 |
| TOTAL INVENTORIES — Sum of lines a through c equals d | | 338 | | 334 |
| Report the following breakdown of line (d): | | | | |
| (1) Amount not subject to LIFO costing | | 368 | | 364 |
| (2) Amount subject to LIFO costing | | 369 | | 365 |
| Report the following applicable to line e(2): | | | | |
| (1) Amount of the LIFO reserve | | 370 | | 366 |
| (2) LIFO value of line e(2) | | 371 | | 367 |

NOTE — The sum of lines e(1), (f)(1), and (f)(2) should equal line d.

| Item 8 — Depreciable assets, capital expenditures, and retirements | Key | 1982 | | | 1981 | | |
|---|-----|---------------------------------|--|---|---------------------------------|--|--|
| | | Total (b) Mil. Thou. Dol. | Buildings and other structures (c) Mil. Thou. Dol. | Machinery and equipment (d) Mil. Thou. Dol. | Total (a) Mil. Thou. Dol. | | |
| a. Gross value of depreciable assets (usually original cost) at beginning of year | 341 | 339 | 340 | | | | |
| b. Capital expenditures for new buildings and machinery | 344 | 342 | 343 | | | | |
| c. Capital expenditures for used buildings and machinery | 347 | 345 | 346 | | | | |
| d. Retirements and disposition of depreciable assets (i.e., gross value of assets sold, retired, scrapped, destroyed, etc.) | 353 | 351 | 352 | | | | |
| e. Gross value of depreciable assets at end of year (should equal lines 8a-8b-8c-8d) | 356 | 354 | 355 | | | | |
| Item 9 — Depreciation charges for the year | 359 | 357 | 358 | | | | |
| Item 10 — Rental payments — Mark (X) if "0" | 362 | 360 | 361 | | | | |
| Item 11A — Total shipments and other receipts | | | | | | | |
| For 1982 report the total value of products shipped and other receipts as entered in Item 1B. This value should be completely comparable to the total reported for 1981. If the two figures are not comparable, please explain the reasons why in the remarks section. (Reporting by product class is not required for 1982.) | 330 | | | | | | |

CENSUS USE

PENALTY FOR FAILURE TO REPORT

CONTINUE ON PAGE 2 →

| | | | | |
|--|--------------------------------------|---|-------------------------|---|
| Item 11B - Shipments to other domestic plants of your company (This is a breakout of the total value of shipments reported in item 11A.) | | 375 1 <input type="checkbox"/> 0 2 <input type="checkbox"/> \$1-24,999 3 <input type="checkbox"/> \$25,000 or more - Report the value of intracompany transfers | Go to item 12 | Key 1982 Mil. Thou. Dol. |
| Report the value of products shipped to other domestic plants of your company for further assembly, fabrication, or manufacture. | | | | |
| Item 12 - Method of valuation for inventories not subject to LIFO costing Using the inventory total reported for this establishment in item 7e(1) for 1982, please indicate the breakdown of that total according to the inventory valuation methods shown. a. Cost method - Report amounts on lines 1a-e. b. Market basis always used - Report amount on line 2b. c. Lower of cost or market - Report amounts valued at cost on lines 1a-e according to the applicable methods and the amount at market on line 2a. For the value reported on line 2a, indicate in the remarks section the cost method that was higher than market. For example, "FIFO." | | Method of valuation (a) 1. Cost a. First-in, First-out (FIFO) 381 b. Average cost 383 c. Specific or actual cost 384 d. Standard cost 385 e. Other - Specify 386 2. Market a. Market used for valuation because market lower than cost 387 b. Market always used for valuation 388 TOTAL (Equals the total reported in item 7e(1) for 1982) 389 | | Amount at end of 1982 (b) Mil. Thou. Dol. 376 377 1 <input type="checkbox"/> YES - Indicate the nature of the changes in remarks section. 2 <input type="checkbox"/> NO |
| Item 13 - Cost of purchased services (See instruction manual) | | Item 14 - Breakdown of machinery and equipment expenditures by type reported in item 8b, column d (See instruction manual) | | Key 1982 Mil. Thou. Dol. |
| a. Repair of buildings and other structures 290 <input type="checkbox"/> 0 390 b. Repair of machinery 291 <input type="checkbox"/> 0 391 c. Cost of purchased communication services (telephone, telegraph, etc.) 392 | | a. Automobiles, trucks, etc., for highway use 393 b. Computers and peripheral data processing equipment 394 c. All other expenditures for new machinery and equipment 395 TOTAL - Should be the same as Item 8b, column d 396 | | 393 394 395 396 |
| Item 15A - Operational status - Mark (X) the ONE box which best describes this establishment at the end of 1982. | | | | |
| 001 <input type="checkbox"/> In operation 2 <input type="checkbox"/> Temporarily or seasonally inactive 3 <input type="checkbox"/> Ceased operation 4 <input type="checkbox"/> Sold or leased TO another operator - Give date of right AND enter name, etc., below 5 <input type="checkbox"/> Acquired or leased FROM another operator - Give date at right AND enter name, etc., below | | | | |
| GIVE DATE - Enter figures only | | | | |
| NAME OF NEW FORMER OWNER OR OPERATOR _____ | | | | |
| NUMBER AND STREET _____ CITY _____ STATE _____ ZIP CODE _____ | | | | |
| Item 15B - Not applicable to this report | | | | |
| Item 16 - Checks to assure a complete and accurate report | | | | |
| The Bureau of the Census reviews your report for omissions, inconsistencies, and unusual ratios. To save you future correspondence about these problems, please make the following checks before returning your report. | | | | |
| Review the report carefully to see that no items are omitted for the year being covered. Calculate and enter figures for the four "reasonableness" checks below, and review the results. Correct your report for any errors you find and explain unusual figures in remarks. For most manufacturing establishments, the figures computed usually fall within the ranges indicated. | | | | |
| "Reasonableness" checks | | Calculation required for each check | | |
| a. Average hourly wages per production worker | Item 3Aa (Production workers' wages) | Item 4e (Total hours worked) | Figures for survey year | Usual range |
| b. Hours worked per year per production worker | Item 4e (Total hours worked) | Item 2f (Average number of production workers) | \$ hr. | \$3-\$15 |
| c. Salaries and wages per dollar of shipments | Item 3Ac (Total payroll) | Item 11A (Total value of shipments) | Hrs./yr. | 1000-3000 |
| d. Materials cost per dollar of shipments | Item 5f (Total materials cost) | Item 11A (Total value of shipments) | c | 05c-95c |
| e. Is the total value of shipments (item 11A) greater than the sum for payroll (item 3Ac) plus total cost of materials, etc. (item 5f)? <input type="checkbox"/> YES <input type="checkbox"/> NO - Explain in remarks | | | | |
| REMARKS - Please use this space for any explanations that may be essential in understanding your reported data. | | | | |



U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

FORM

CB-5007

1982 CENSUS OF DISTRIBUTIVE TRADES

ELECTRICAL GOODS

O.M.S. APPROVAL NO. 0607-0887 EXPIRES 12/84

NOTICE - Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

Please complete this form and RETURN TO

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, Indiana 47134

DUE DATE: FEBRUARY 15, 1983

If you cannot file by the due date, a time extension request should be sent to the above address; please include your 11-digit Census File Number (CFN).

Note - Please read the accompanying instructions before answering the questions.

In correspondence pertaining to this report, please refer to this Census File Number (CFN)

Employer Identification (EI) Number

CB-5007

Item 1 - EMPLOYER IDENTIFICATION NUMBER

Is the Employer Identification (EI) Number shown in the label the SAME as that used for this establishment on its latest 1982 Employer's Quarterly Federal Tax Return, Treasury Form 941?

094 1 ☐ YES
2 ☐ NO - Enter current EI Number

Item 2 - PHYSICAL LOCATION OF ESTABLISHMENT

Answer items a, b, c, and d

NOTE: P.O. boxes or rural routes are not physical locations.

a. ☐ Same as shown in mailing label. If different, indicate change.

NUMBER AND STREET

CITY, TOWN, VILLAGE, ETC.

STATE

ZIP CODE

b. Is this establishment physically located inside the legal boundaries of the city, town, village, etc.?

095 1 ☐ YES
2 ☐ NO
3 ☐ No legal boundaries
4 ☐ Don't know

c. Type of municipality where physically located

096 1 ☐ City, village, or borough
2 ☐ Town or township
3 ☐ Other or don't know

d. Name of county where physically located

Item 3 - OPERATIONAL STATUS

Number of months

a. How many months during 1982 did this firm or organization actively operate this establishment?

b. Mark (X) the ONE box which best describes this establishment at the end of 1982.

001 1 ☐ In operation
2 ☐ Temporarily or seasonally inactive
3 ☐ Ceased operation - Give date
4 ☐ Sold or leased to another operator - Give date at right AND enter name, etc., below

NAME OF NEW OWNER OR OPERATOR

NUMBER AND STREET

CITY

STATE

ZIP CODE

Item 4 - ORGANIZATIONAL STATUS

Mark (X) the ONE box which best describes this establishment during 1982.

003 1 ☐ Individual proprietorship
2 ☐ Partnership
3 ☐ Cooperative association (taxable)
4 ☐ Cooperative association (tax-exempt)
5 ☐ Government - Specify
6 ☐ Corporation (Do not mark if any form of cooperative association.)
9 ☐ Other - Specify

Item 5 - INVENTORIES

a. Did you have inventories at the end of the years specified?

End of 1982
110 1 ☐ YES
2 ☐ NO
End of 1981
120 1 ☐ YES
2 ☐ NO

If "NO" for both years, SKIP to Item 6.

b. Report inventories at cost or market using generally accepted accounting methods. For inventories at LIFO cost use the sum of the LIFO amount plus the LIFO reserve when completing lines b and d.

046 Mil. Thou. Dol. Mil. Thou. Dol.
047

c. Amount of total on line b which was not subject to LIFO costing.

111 121

d. Amount of total on line b which was subject to LIFO costing.

112 122

(1) Amount of the LIFO reserve

113 123

(2) LIFO value of line d

114 124

NOTE: The sum of lines d(1) and d(2) should equal line c. The sum of lines c and d should equal line b.

PENALTY FOR FAILURE TO REPORT

HOW TO REPORT DOLLAR FIGURES

Value figures may be reported in dollars or rounded to thousands.

Example: If a figure is \$1,125,628, report either

PREFERRED

Acceptable

Mil. (000) Thou. (000) Dol. (000)

1 126

1 125 628

Item 6 - DOLLAR VOLUME OF BUSINESS IN 1982

Mil. Thou. Dol.

a. Sales of merchandise and other operating receipts

010

b. Did this establishment sell merchandise on a commission or brokerage basis?

100 1 ☐ YES - Go to c
2 ☐ NO - SKIP to d

c. Gross selling value of business conducted for the account of others (Include in item 6a.)

101

d. Dollar volume of commissions or brokerage received on transactions reported in item 6c

102

e. What percentage of the products sold by this establishment did your company (including firms under common ownership or control) manufacture or mine in the United States or its possessions?

103 Percent

f. Did this establishment have transfers (billings) to other establishments within your company?

104 1 ☐ YES - Go to g
2 ☐ NO - SKIP to h

g. Dollar volume of transfers (billings) to other establishments within your company (DO NOT include in item 6a.)

105 Mil. Thou. Dol.

h. Did construction receipts represent 50% or more of the total sales (as represented in 6a) of this establishment?

106 1 ☐ YES
2 ☐ NO

i. Were 50% or more of the products sold by this establishment imported from a foreign country?

109 1 ☐ YES
2 ☐ NO

Item 7 - PAYROLL AND EMPLOYMENT

a. Payroll in 1982, before deductions

030 Mil. Thou. Dol.

(1) Total ANNUAL payroll

031

(2) FIRST QUARTER payroll

032

b. Employment in 1982

032 Number

Number of paid employees for the pay period including March 12, 1982. (Include both full- and part-time employees.)

Item 8 - EMPLOYMENT BY PRINCIPAL ACTIVITY

Report the approximate number of employees at this establishment according to their principal activity during the pay period including March 12, 1982.

130 Number

a. Selling

131

b. Sales support (including office and clerical, warehousing, drivers, maintenance employees)

132

c. Central administrative and auxiliary

133

d. Manufacturing

134

e. Other - Specify

135

f. TOTAL - Sum of lines a through e should equal item 7b

136

Item 9 - OPERATING EXPENSES

TOTAL 1982 operating expenses, including payroll but excluding cost of goods sold

040 Mil. Thou. Dol.

Item 10 - SALES BY CUSTOMER CLASSES

Report the approximate percentage of your 1982 sales (item 6a) to each of the customer classes listed.

140 Report in whole percents

a. To farmers (for farm use)

141

b. To builders and contractors

142

c. Export sales

143

d. To retailers and repair shops

144

e. To wholesale establishments

145

f. To household consumers and individual users

146

g. To industrial users (manufacturing and mining)

147

h. To institutional, commercial, and professional users

148

i. To governmental bodies (federal, state, and local)

149

j. TOTAL - Sum of lines a through i should add to 100%

100%

CONTINUE ON PAGE 2

Item 11 - TYPE OF OPERATION

Mark (X) the **ONE** box which best describes the basis on which the major portion of your business was conducted in 1982.

- a. Merchant (buying and selling on own account) ☐ 10
 b. Manufacturers' sales branch or sales office ☐ 20
 c. Broker, agent, commission merchant
 (1) Auction company ☐ 41
 (2) Broker (representing buyers or sellers) ☐ 42
 (3) Commission merchant ☐ 43
 (4) Manufacturers' agent ☐ 46
 d. Other type of operation - Specify ☐ 77

Item 12 - KIND OF BUSINESS

Mark (X) the **ONE** box which best describes the **PRINCIPAL** kind of business of this establishment in 1982.

- a. Electrical goods ☐ 070
 (1) Electrical apparatus and equipment, wiring supplies, and construction materials ☐ 506300
 (2) Electrical appliances and television and radio sets ☐ 506400
 (3) Electronic parts and electronic communication equipment ☐ 506500
 b. Other kind of business - Specify ☐ 777777

Item 13 - SALES BY COMMODITY LINES

Report sales either in dollar figures (see example on page 1) or as percent (in whole percents) of the total (see example below).

| HOW TO REPORT PERCENTS | If figure is 38.76% of total sales: | Mil. | Thou. | Dol. | Percent |
|------------------------|-------------------------------------|------|-------|------|---------|
| Report whole percents | → | | | | 39 |
| Not acceptable | → | | | | 38.76 |

| Commodity lines | Census use | Mil. | Thou. | Dol. | Percent |
|---|------------|------|-------|------|---------|
| Electrical goods | 170 | 171 | | | 172 |
| 1. Electrical apparatus and equipment | | | | | |
| a. Power and distribution transformers | 1511 | | | | |
| b. Switchgear and switchboard apparatus | 1512 | | | | |
| c. Motors and generators (include motor-generator sets.) | 1513 | | | | |
| d. Industrial controls (power circuit devices and controls) | 1514 | | | | |
| e. Electric lamps and bulbs | 1515 | | | | |
| f. Interior wiring (Exclude conduit.) | 1516 | | | | |
| g. Lighting fixtures (residential and commercial) | 1517 | | | | |
| h. Communication equipment | 1518 | | | | |
| i. Other electrical apparatus and equipment (include conduit, transmission hardware, lightning rods, etc.) | 1519 | | | | |
| j. Total - Sum of lines 1a through 1i | 1500 | | | | |
| 2. Electrical appliances, household | | | | | |
| a. Radio and TV sets | 1611 | | | | |
| b. Electrical household ranges and ovens | 1612 | | | | |
| c. Refrigerators and freezers, household | 1613 | | | | |
| d. Household laundry equipment | 1614 | | | | |
| e. Vacuum cleaners and sewing machines, household | 1615 | | | | |
| f. Room air conditioners | 1616 | | | | |
| g. Other electrical household appliances (include fans, dishwashers, etc.) | 1617 | | | | |
| h. Total - Sum of lines 2a through 2g | 1600 | | | | |
| 3. Electronic parts and equipment | | | | | |
| a. Electron tubes, receiving and transmitting (include cathode ray TV picture tube, etc.) | 1711 | | | | |
| b. Communication equipment | 1712 | | | | |
| c. Intercommunication equipment | 1713 | | | | |
| d. Public address equipment | 1714 | | | | |
| e. Integrated circuits | 1715 | | | | |
| f. Capacitors | 1716 | | | | |
| g. Magnetic components | 1717 | | | | |
| h. Resistors | 1718 | | | | |
| i. Semiconductors, transistors, diodes, rectifiers, and other semiconductor devices (solar cells, zener diodes, etc.) | 1719 | | | | |
| j. Other electronic parts and equipment | 1721 | | | | |
| k. Total - Sum of lines 3a through 3j | 1700 | | | | |
| Other commodity lines | | | | | |
| 4. Automotive parts and supplies, new and rebuilt | 0200 | | | | |
| 5. Household and lawn furniture | 0400 | | | | |
| 6. Floor coverings | 0540 | | | | |
| 7. Cutlery, kitchen tools and utensils, mirrors, lamps, and picture frames | 0560 | | | | |
| 8. Sporting and recreational goods and supplies | 1000 | | | | |
| 9. Toys and hobby goods and supplies | 1100 | | | | |
| 10. Photographic equipment and supplies (Exclude micro-filming, blueprinting, and photocopying equipment) | 1200 | | | | |
| 11. Hardware (Include power hand tools.) | 1800 | | | | |
| 12. Plumbing and heating equipment and supplies (hydronics) | 1900 | | | | |
| 13. Warm air heating and air conditioning equipment and supplies | 2000 | | | | |
| 14. Refrigeration equipment and supplies | 2100 | | | | |
| 15. Office machines and equipment | 2200 | | | | |
| 16. Store machines and equipment | 2240 | | | | |
| 17. Mechanical power transmission supplies | 2600 | | | | |

Item 13 - COMMODITY LINES - Continued

| Commodity lines | Census use | Mil. | Thou. | Dol. | Percent |
|--|------------|------|-------|------|---------|
| 18. Industrial containers and supplies (include drums and barrels, box shooks, and bottlers' supplies.) | 2640 | | | | |
| 19. Inks, abrasives, rope and cordage, industrial leather and rubber goods, and machine tool accessories | 2650 | | | | |
| 20. Surgical, medical, and hospital supplies | 2730 | | | | |
| 21. Architects', engineers', and draftsmen's equipment and supplies | 2780 | | | | |
| 22. Marine machinery, equipment, and supplies | 2920 | | | | |
| 23. New and used railroad equipment and supplies | 2960 | | | | |
| 24. Ferrous metal scrap | 3000 | | | | |
| 25. Photograph records and prerecorded tapes, luggage, fire extinguishers, and works of art | 3230 | | | | |
| 26. Farm supplies | 5900 | | | | |
| 27. Leather products, industrial yams, and wigs, switches, and toupees | 6260 | | | | |
| 28. Miscellaneous commodities - Specify | | | | | |
| a. | 9811 | | | | |
| b. | 9812 | | | | |
| c. | 9813 | | | | |
| 29. Rental receipts - Specify | | | | | |
| | 9940 | | | | |
| 30. Service receipts and labor charges (Include installed parts.) | | | | | |
| a. Labor charges | 9711 | | | | |
| b. Parts installed in repair work | 9712 | | | | |
| c. Other service receipts | 9713 | | | | |
| d. Total - Sum of lines 30a through 30c | 9700 | | | | |
| 31. TOTAL - Should equal Item 6a if reporting in dollars | 9990 | | | | 100% |

NOTE

Answer Item 14 only if your Census File Number (CFN), shown in the address label of this report form, begins with a zero.

Item 14 - OWNERSHIP, CONTROL, AND LOCATIONS OF OPERATION

a. Is this company owned or controlled by another company?
 097 1 ☐ YES →
 2 ☐ NO →

b. Does this company own or control any other company or companies?
 098 1 ☐ YES →
 2 ☐ NO →

c. How many establishments were operated under the EI Number shown in the address label (or as corrected in Item 1) at the end of 1982? 079

If more than one, provide the physical location address and other information indicated below for each establishment. Continue with same format in Item 15 (or attach a separate sheet) if necessary.

| NAME, ADDRESS, AND ZIP CODE | 1982 | Mil. | Thou. | Dol. |
|---------------------------------|----------------|------|-------|------|
| 1. KIND-OF-BUSINESS DESCRIPTION | Sales | 061 | | |
| TYPE OF OPERATION | Annual payroll | 062 | | |
| Census use | 068 | | | |
| 069 | | | | |
| 2. NAME, ADDRESS, AND ZIP CODE | 1982 | Mil. | Thou. | Dol. |
| KIND-OF-BUSINESS DESCRIPTION | Sales | 061 | | |
| Annual payroll | 062 | | | |
| Census use | 068 | | | |
| 069 | | | | |

Item 15 - REMARKS - Please use this space for any explanations that may be essential in understanding your reported data.**Item 16 - CERTIFICATION** - This report is substantially accurate and has been prepared in accordance with instructions.

Period covered by this report: FROM: Mo. Year TO: Mo. Year

Name of person to contact regarding this report - Print or type

Telephone: Area code Number Extension

Signature of authorized person Date

FORM MA-171
(11-29-82)U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS**DEPARTMENT OF DEFENSE-OWNED AND
OPERATED ESTABLISHMENTS PRIMARILY
ENGAGED IN MANUFACTURING AND
ASSEMBLY, AND/OR RESEARCH AND
DEVELOPMENT — 1982****(Includes shipyards)****INSTRUCTIONS** — This report is to be prepared by those Department of Defense establishments whose primary activities are manufacture and assembly and/or research and development. All shipyards are included.

The information requested is based upon reports now regularly prepared by most such establishments.

NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.**PLEASE RETURN THIS COPY**

Please correct errors in name, address, and ZIP code. Enter street and number if not shown.

ITEM 1 — NAME AND PHYSICAL LOCATION OF ESTABLISHMENT ON DECEMBER 31, 1982**NOTE:** P.O. boxes or rural routes are not physical locations.

- a.
- ☐
- Same as shown in mailing label. If different, indicate below.

| | | |
|---------------------------|-------|----------|
| NAME | | |
| NUMBER AND STREET | | |
| CITY, TOWN, VILLAGE, ETC. | STATE | ZIP CODE |

- b. Is this establishment physically located inside the legal boundaries of the city, town, village, etc.?

- 1
- ☐
- YES 3
- ☐
- No legal boundaries
-
- 2
- ☐
- NO 4
- ☐
- Don't know

- c. Type of municipality where physically located

- 1
- ☐
- City, village, or borough 3
- ☐
- Other or don't know
-
- 2
- ☐
- Town or township

- d. Name of county where physically located

ITEM 2 — NATURE OF ACTIVITY

Describe briefly the kind of activity of this establishment. If a manufacturing plant, list the three principle products which generate the most earned revenue, see item 6.

SPECIAL INSTRUCTIONS FOR ITEMS 3—7

- **Item 3 — Number of employees** — Report all employees at this establishment on the last day of the specified month. Should be the same as line 1 of Office of Personnel Management Form (SF-113-1).

- **Item 3(1) — Number of production workers** — Report workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspecting, and other manufacturing. Should be the same as line 5 of Office of Personnel Management Form (SF-113-A).

- **Item 3(2) — All other employees** — Report nonproduction personnel, including those engaged in supervision (above the working foreman level), installation and servicing of own product, sales, delivery, professional, technical, administrative, etc.

- **Item 4 — Annual payroll before deductions** — Follow the definition of salaries and wages used for calculating the Federal withholding tax. Report gross earnings prior to deductions paid in the calendar year to those employees reported in item 3. Include commissions, dismissal pay, bonuses, and vacation pay.

- **Item 5 — Hours worked by production workers by quarter** — Include all production hours worked, including overtime hours, but excluding paid vacations, etc. These should be reported as actual hours worked, not straight-time equivalent hours.

- **Item 6 — Total earned revenue** — Report the value of total billings (including progress billings) based on the Industrial Fund Accounting System of the Department of Defense, including receipts for construction and conversion, manufacture and assembly, and research and development, adjusted by the increase or decrease in unbilled costs of work in progress.

- **Item 7 — Cost of materials, etc.** — Report total delivered cost after discounts and including freight of the materials actually consumed or put in production during the year. Include purchases, interplant transfers, and withdrawal from inventories.

If there are no records of consumption, purchases may be reported instead for minor items. This can also be done for major items if purchases do not differ significantly from the amounts actually used. Where consumption of major items differs significantly from purchases, consumption may be estimated by adding beginning inventories to the amount purchased and subtracting ending inventories.

- **Item 7a — Cost of materials, parts, components, containers, etc., used** — The delivered cost figures should cover all raw materials, containers, scrap, supplies, etc., which were: (1) put into production, (2) used as operating supplies, (3) used in repair and maintenance.

- **Item 7b — Cost of products bought and sold** — Report the cost of all products bought and sold in the same condition as when purchased and not made part of another product manufactured by this establishment.

- **Item 7c(1) — Cost of fuels consumed** — Report the total cost of all fuels consumed for heat, power, transportation, or the generation of electricity. Do not include the estimated cost of fuels, such as sawdust or blast furnace gas, produced as a byproduct of your manufacturing activities. Include anthracite and bituminous coal, coke, natural and manufactured gas, fuel oil, liquefied petroleum gas, gasoline, and all other fuels, including purchased steam.

- **Item 7c(2) — Cost of purchased electricity** — Report the total cost of electric energy purchased or received from outside your establishment. Exclude the value of electricity generated and used at this establishment.

- **Item 7d — Cost of contract work done for you by others on your materials** — If any contract work was done by others on materials furnished by your establishment, report the total payments made during the year for such work, including freight out and in. Exclude the cost of materials worked on, which should be included in item 7e.

CENSUS
USE

PENALTY FOR FAILURE TO REPORT

CONTINUE ON PAGE 2 →

HOW TO REPORT

COMPLETE EACH ITEM; ENTER "0" WHEN APPROPRIATE

Figures for dollars and plant-hours should be rounded to thousands. If you wish, you may report to the nearest unit. Be careful to enter your figures in the correct columns.

Example: If a figure is \$1,125,626, report either

* **PREFERRED method**

Acceptable method

| Millions (000) | Thou- sands (000) | Dollars (000) |
|-------------------|-------------------------|------------------|
| 1 | 126 | |
| 1 | 125 | 628 |

Item 3 — EMPLOYMENT IN 1982 — AT END OF QUARTER

(As reported on Office of Personnel Management Form SF-113-A.)

a. Number of workers at end of quarter

(1) March

(2) June

(3) September

(4) December

b. TOTAL — Sum of lines (1) through (4)

c. TOTAL CIVILIAN EMPLOYMENT

Average number — divide line b by 4, omit fractions

Number of civilian employees

| Key | Production workers (Wage Board) (1) | Key | All others (2) | Key | Total (3) |
|-----|---|-----|-------------------|-----|--------------|
| 01 | | 02 | | 03 | |
| 11 | | 12 | | 13 | |
| 21 | | 22 | | 23 | |
| 31 | | 32 | | 33 | |
| 41 | | 42 | | 43 | |
| 47 | | 48 | | 49 | |

Item 4 — ANNUAL PAYROLL FOR 1982, (BEFORE DEDUCTIONS)

Total wages and salaries of civilian employees

| Key | Production workers (Wage Board) (1) | Key | All others (2) | Key | Total (3) |
|-----|---|-----|-------------------|-----|--------------|
| 50 | | 51 | | 52 | |

Item 5 — HOURS WORKED BY PRODUCTION WORKERS (WAGE BOARD) by QUARTER IN 1982

(Do not include hours paid for vacations, holidays, or sick leave.)

a. January through March

b. April through June

c. July through September

d. October through December

e. TOTAL HOURS WORKED — Sum of lines a through d

| Key | Mil. | Thou. | Hours |
|-----|------|-------|-------|
| 53 | | | |
| 54 | | | |
| 55 | | | |
| 56 | | | |
| 59 | | | |

Item 6 — EARNED REVENUE IN 1982

Billings, for this establishment, for products and services provided (including progress billings):

a. Manufacture and assembly

b. Construction and conversion (ships, airplanes, etc.)

c. Research and development

d. Other billings

(1) Overhaul, repair, and renovation

(2) Alteration and modification

(3) Other miscellaneous billings

Sum of lines (1) through (3)

e. TOTAL BILLINGS FOR PRODUCTS PRODUCED

AND SERVICES PROVIDED — Sum of lines a through d

f. The increase or decrease in unbilled costs of work in progress

g. TOTAL EARNED REVENUE — Sum of lines e and f

| Key | Mil. | Thou. | Dol. |
|-----|------|-------|------|
| 61 | | | |
| 62 | | | |
| 65 | | | |
| 60 | | | |
| 63 | | | |
| 64 | | | |
| 66 | | | |
| 67 | | | |
| 68 | | | |
| 69 | | | |

Item 7 — COST OF MATERIALS AND SERVICES USED FOR 1982

a. Costs of materials, parts, components, containers, etc., used

b. Cost of products bought and sold as such

c. Costs of fuels and purchased electricity

(1) Costs of fuels consumed for heat and power

(2) Costs of purchased electricity

TOTAL COSTS OF FUELS AND PURCHASED
ELECTRICITY — Sum of lines (1) and (2)

d. Costs of contract work done for you by others

e. Wages and salaries (same as item 4, col. 3)

f. TOTAL COST — Sum of lines a through e

| Key | Mil. | Thou. | Dol. |
|-----|------|-------|------|
| 71 | | | |
| 72 | | | |
| 73 | | | |
| 74 | | | |
| 75 | | | |
| 76 | | | |
| 77 | | | |
| 79 | | | |

Item 8 — CHECKS TO ASSURE A COMPLETE AND ACCURATE REPORT

The Bureau of the Census reviews your report for omissions, inconsistencies, and unusual ratios. To save you future correspondence about these problems, please make the following checks before returning your report.

- Review the report carefully to see that no items are omitted for the year being covered.
- Calculate and enter figures for the four "reasonableness" checks below, and review the results.
- Correct your report for any errors you find and explain unusual figures in remarks.

For most manufacturing establishments, the figures computed usually fall within the ranges indicated.

| "Reasonableness" checks | Calculation required for each check | Figures for survey year | Usual range |
|---|--|-------------------------|---|
| a. Average hourly wages per production worker | Item 3e (Production workers' wages) ÷ item 5e (Total hours worked) | \$/hr. | \$3—\$15 |
| b. Hours worked per year per production worker | Item 5e (Total hours worked) ÷ item 3c(1) (Average number of production workers) | Hrs./yr. | 1000—3000 |
| c. Salaries and wages per dollar of earned revenue | Item 4(3) (Total payroll) ÷ item 6g (Total earned revenue) | ¢ | 05¢—95¢ |
| d. Material cost per dollar of earned revenue | Item 7f (Total material cost) ÷ item 6g (Total earned revenue) | ¢ | 05¢—95¢ |
| e. Is the total for value of earned revenue (item 6g) greater than the sum for total annual payroll (item 4(3)) plus total cost of materials, etc. (item 7f)? | | | <input type="checkbox"/> YES <input type="checkbox"/> NO — Explain in remarks |

REMARKS — Please use this space for any explanations that may be essential in understanding your reported data.

Item 9 — CERTIFICATION — This report is substantially accurate and has been prepared in accordance with instructions.

| | | | | | | | | | |
|---|--|-----------|--------|-------------------------------|--------------------------------|--------------------|--|------------------|--|
| Name of person to contact regarding this report — Print or type | | Telephone | | Period covered by this report | | FROM: Mo. Day Year | | TO: Mo. Day Year | |
| | | Area code | Number | Extension | | | | | |
| Address — Number and street | | | | | Signature of authorized person | | | | |
| City | | State | | ZIP code | | Title | | Date | |

[illegible]

REMARKS — Please use this space for any explanation that may be essential in understanding your reported data.

| | | | | | |
|--|-------|--------------------------------|-----------|--------|-----------|
| Item 3 — CERTIFICATION — This report is substantially accurate and has been prepared in accordance with instructions. | | | | | |
| Name of person to contact regarding this report — Print or type | | Telephone —→ | Area code | Number | Extension |
| Address — Number and street | | Signature of authorized person | | | |
| City | State | ZIP code | Title | | Date |

FORM MC D4 (9-15-82)



APPENDIX E.

Authority for Census: Title 13, United States Code

COLLECTION AND PUBLICATION; FIVE-YEAR PERIODS (131)

The Secretary shall take, compile, and publish censuses of manufactures, of mineral industries, and of other businesses ... in the year 1964, then in the year 1968, and every fifth year thereafter, and each such census shall relate to the year immediately preceding the taking thereof.

GEOGRAPHIC SCOPE OF CENSUSES (191a)

(a) Each of the censuses authorized by this chapter shall include each State, the District of Columbia, the Virgin Islands, Guam, the Commonwealth of the Northern Mariana Islands, and the Commonwealth of Puerto Rico, and as may be determined by the Secretary, such other possessions and areas over which the United States exercises jurisdiction, control, or sovereignty. Inclusion of the other areas over which the United States exercises jurisdiction or control shall be subject to the concurrence of the Secretary of State.

WRONGFUL DISCLOSURE OF INFORMATION (214)

Whoever, being or having been an employee or staff member referred to in subchapter II of chapter I of this title, having taken and subscribed the oath of office, or having sworn to observe

the limitations imposed by section 9 of this title, publishes or communicates any information, the disclosure of which is prohibited under the provisions of section 9 of this title, and which comes into his possession by reason of his being employed (or otherwise providing services) under the provisions of this title, shall be fined not more than \$5,000 or imprisoned not more than 5 years, or both.

FAILURE TO ANSWER QUESTIONS AFFECTING COMPANIES, BUSINESSES, RELIGIOUS BODIES, AND OTHER ORGANIZATIONS: FALSE ANSWERS (224)

Whoever, being the owner, official, agent, person in charge, or assistant to the person in charge, of any company, business, institution, establishment, religious body, or organization of any nature whatsoever, neglects or refuses, when requested by the Secretary or other authorized officer or employee of the Department of Commerce or bureau or agency thereof, to answer completely and correctly to the best of his knowledge all questions relating to his company, business, institution, establishment, religious body, or other organization, or to records or statistics in his official custody, contained on any census or other schedule or questionnaire prepared and submitted to him under the authority of this title, shall be fined not more than \$500; and if he willfully gives a false answer to any such question, he shall be fined not more than \$10,000.

THE HISTORY OF THE UNITED STATES

The history of the United States is a story of growth and change. From the first settlers to the present day, the nation has evolved through various stages of development. The early years were marked by exploration and settlement, followed by a period of rapid expansion and industrialization. The American Revolution and the Civil War were pivotal moments in the nation's history, shaping its identity and values. The 20th century brought significant social and political changes, including the rise of the American Dream and the challenges of the Cold War. Today, the United States continues to grow and adapt to a rapidly changing world.

APPENDIX F.

Standard Consolidated Statistical Areas and Standard Metropolitan Statistical Areas

[Titles and definitions shown for SCSA's and SMSA's are those established by the Office of Management and Budget, as of January 1982]

Standard Consolidated Statistical Areas

| SCSA and definition | SCSA and definition | SCSA and definition |
|---|---|---|
| Boston-Lawrence-Lowell, Mass.-N.H. Boston, Mass., SMSA Brockton, Mass., SMSA Lawrence-Haverhill, Mass.-N.H., SMSA Lowell, Mass.-N.H., SMSA | Houston-Galveston, Tex. Galveston-Texas City, Tex., SMSA Houston, Tex., SMSA Indianapolis-Anderson, Ind.² Anderson, Ind., SMSA Indianapolis, Ind., SMSA Los Angeles-Long Beach-Anaheim, Calif. Anaheim-Santa Ana-Garden Grove, Calif., SMSA Los Angeles-Long Beach, Calif., SMSA Oxnard-Simi Valley-Ventura, Calif., SMSA Riverside-San Bernardino-Ontario, Calif., SMSA Miami-Fort Lauderdale, Fla. Fort Lauderdale-Hollywood, Fla., SMSA Miami, Fla., SMSA Milwaukee-Racine, Wis. Milwaukee, Wis., SMSA Racine, Wis., SMSA New York-Newark-Jersey City, N.Y.-N.J.-Conn. Jersey City, N.J., SMSA Long Branch-Asbury Park, N.J., SMSA Nassau-Suffolk, N.Y., SMSA New Brunswick-Perth Amboy-Sayreville, N.J., SMSA | New York-Newark-Jersey City, N.Y.-N.J.-Conn.— Con. New York, N.Y.-N.J., SMSA Newark, N.J., SMSA Norwalk, Conn., SMSA Paterson-Clifton-Passaic, N.J., SMSA Stamford, Conn., SMSA Philadelphia-Wilmington-Trenton, Pa.-Del.-N.J.-Md. Philadelphia, Pa.-N.J., SMSA Trenton, N.J., SMSA Wilmington, Del.-N.J.-Md., SMSA Providence-Fall River, R.I.-Mass.² Fall River, Mass.-R.I., SMSA Providence-Warwick-Pawtucket, R.I.-Mass., SMSA San Francisco-Oakland-San Jose, Calif. San Francisco-Oakland, Calif., SMSA San Jose, Calif., SMSA Santa Rosa, Calif., SMSA ³ Vallejo-Fairfield-Napa, Calif., SMSA Seattle-Tacoma, Wash. Seattle-Everett, Wash., SMSA Tacoma, Wash., SMSA |

¹1977 title was Chicago-Gary, Ill.-Ind.; Kenosha, Wis., SMSA has been added.

²New SCSA since 1977 Economic Censuses.

³Santa Rosa, Calif., SMSA added since 1977 Economic Censuses.

Standard Metropolitan Statistical Areas

| SMSA and definition | SMSA and definition | SMSA and definition |
|---|---|---|
| Abilene, Tex. Callahan County, Tex. Jones County, Tex. Taylor County, Tex. Akron, Ohio Portage County, Ohio Summit County, Ohio Albany, Ga. Dougherty County, Ga. Lee County, Ga. Albany-Schenectady-Troy, N.Y. Albany County, N.Y. Montgomery County, N.Y. Rensselaer County, N.Y. Saratoga County, N.Y. Schenectady County, N.Y. Albuquerque, N. Mex. Bernalillo County, N. Mex. Sandoval County, N. Mex. Alexandria, La. Grant Parish, La. Rapides Parish, La. Allentown-Bethlehem-Easton, Pa.-N.J. Warren County, N.J. Carbon County, Pa. Lehigh County, Pa. Northampton County, Pa. | Altoona, Pa. Blair County, Pa. Amarillo, Tex. Potter County, Tex. Randall County, Tex. Anaheim-Santa Ana-Garden Grove, Calif. Orange County, Calif. Anchorage, Alaska Anchorage Borough, Alaska Anderson, Ind. Madison County, Ind. Anderson, S.C.¹ Anderson County, S.C. Ann Arbor, Mich. Washtenaw County, Mich. Anniston, Ala. Calhoun County, Ala. Appleton-Oshkosh, Wis. Calumet County, Wis. Outagamie County, Wis. Winnebago County, Wis. Asheville, N.C. Buncombe County, N.C. Madison County, N.C. | Athens, Ga.¹ Clarke County, Ga. Jackson County, Ga. Madison County, Ga. Oconee County, Ga. Atlanta, Ga. Butts County, Ga. Cherokee County, Ga. Clayton County, Ga. Cobb County, Ga. De Kalb County, Ga. Douglas County, Ga. Fayette County, Ga. Forsyth County, Ga. Fulton County, Ga. Gwinnett County, Ga. Henry County, Ga. Newton County, Ga. Paulding County, Ga. Rockdale County, Ga. Walton County, Ga. Atlantic City, N.J. Atlantic County, N.J. Augusta, Ga.-S.C. Columbia County, Ga. Richmond County, Ga. Aiken County, S.C. |

See footnotes at end of appendix.

Standard Metropolitan Statistical Areas—Con.

| SMSA and definition | SMSA and definition | SMSA and definition |
|---|--|--|
| Austin, Tex. Hays County, Tex. Travis County, Tex. Williamson County, Tex. | Boston, Mass. Essex County, Mass. (part) Beverly city, Mass. Boxford town, Mass. Danvers town, Mass. Hamilton town, Mass. Lynn city, Mass. Lynnfield town, Mass. Manchester town, Mass. Marblehead town, Mass. Middleton town, Mass. Nahant town, Mass. Peabody city, Mass. Salem city, Mass. Saugus town, Mass. Swampscott town, Mass. Topsfield town, Mass. Wenham town, Mass. Middlesex County, Mass. (part) Acton town, Mass. Arlington town, Mass. Ashland town, Mass. Bedford town, Mass. Belmont town, Mass. Boxborough town, Mass. Burlington town, Mass. Cambridge city, Mass. Carlisle town, Mass. Concord town, Mass. Everett city, Mass. Framingham town, Mass. Holliston town, Mass. Lexington town, Mass. Lincoln town, Mass. Malden city, Mass. Medford city, Mass. Melrose city, Mass. Natick town, Mass. Newton city, Mass. North Reading town, Mass. Reading town, Mass. Sherborn town, Mass. Somerville city, Mass. Stoneham town, Mass. Sudbury town, Mass. Wakefield town, Mass. Waltham city, Mass. Watertown town, Mass. Wayland town, Mass. Weston town, Mass. Wilmington town, Mass. Winchester town, Mass. Woburn city, Mass. Norfolk County, Mass. (part) Bellingham town, Mass. Braintree town, Mass. Brookline town, Mass. Canton town, Mass. Cohasset town, Mass. Dedham town, Mass. Dover town, Mass. Foxborough town, Mass. Franklin town, Mass. Holbrook town, Mass. Medfield town, Mass. Medway town, Mass. Millis town, Mass. Milton town, Mass. Needham town, Mass. Norfolk town, Mass. Norwood town, Mass. Quincy city, Mass. Randolph town, Mass. Sharon town, Mass. | Boston, Mass.—Con. Norfolk County, Mass. (part)—Con. Stoughton town, Mass. Walpole town, Mass. Wellesley town, Mass. Westwood town, Mass. Weymouth town, Mass. Wrentham town, Mass. Plymouth County, Mass. (part) Abington town, Mass. Duxbury town, Mass. Hanover town, Mass. Hanson town, Mass. Hingham town, Mass. Hull town, Mass. Kingston town, Mass. Marshfield town, Mass. Norwell town, Mass. Pembroke town, Mass. Rockland town, Mass. Scituate town, Mass. Suffolk County, Mass. Boston city, Mass. Chelsea city, Mass. Revere city, Mass. Winthrop town, Mass. Bradenton, Fla. Manatee County, Fla. |
| Bakersfield, Calif. Kern County, Calif. | | Bremerton, Wash.¹ Kitsap County, Wash. |
| Baltimore, Md. Anne Arundel County, Md. Baltimore County, Md. Carroll County, Md. Harford County, Md. Howard County, Md. Baltimore city, Md. ² | | Bridgeport, Conn. Fairfield County, Conn. (part) Bridgeport city, Conn. Easton town, Conn. Fairfield town, Conn. Monroe town, Conn. Shelton city, Conn. Stratford town, Conn. Trumbull town, Conn. New Haven County, Conn. (part) Derby city, Conn. Milford city, Conn. Milford town balance, Conn. ³ Woodmont borough, Conn. ³ |
| Bangor, Maine¹ Penobscot County, Maine (part) Bangor city, Maine Brewer city, Maine Eddington town, Maine Glenburn town, Maine Hampden town, Maine Hermon town, Maine Holden town, Maine Kenduskeag town, Maine Old Town city, Maine Orono town, Maine Orrington town, Maine Penobscot Indian Island Indian Reservation, Maine Veazie town, Maine Waldo County, Maine (part) Winterport town, Maine | | Bristol, Conn. Hartford County, Conn. (part) Bristol city, Conn. Burlington town, Conn. Litchfield County, Conn. (part) Plymouth town, Conn. |
| Baton Rouge, La. Ascension Parish, La. East Baton Rouge Parish, La. Livingston Parish, La. West Baton Rouge Parish, La. | | Brockton, Mass. Bristol County, Mass. (part) Easton town, Mass. Norfolk County, Mass. (part) Avon town, Mass. Plymouth County, Mass. (part) Bridgewater town, Mass. Brockton city, Mass. East Bridgewater town, Mass. Halifax town, Mass. West Bridgewater town, Mass. Whitman town, Mass. |
| Battle Creek, Mich. Barry County, Mich. Calhoun County, Mich. | | Brownsville-Harlingen-San Benito, Tex. Cameron County, Tex. |
| Bay City, Mich. Bay County, Mich. | | Bryan-College Station, Tex. Brazos County, Tex. |
| Beaumont-Port Arthur-Orange, Tex. Hardin County, Tex. Jefferson County, Tex. Orange County, Tex. | | Buffalo, N.Y. Erie County, N.Y. Niagara County, N.Y. |
| Bellingham, Wash.¹ Whatcom County, Wash. | | Burlington, N.C. Alamance County, N.C. |
| Benton Harbor, Mich.¹ Berrien County, Mich. | | Burlington, Vt.¹ Chittenden County, Vt. (part) Burlington city, Vt. Charlotte town, Vt. Colchester town, Vt. Essex Junction village, Vt. Essex town balance, Vt. |
| Billings, Mont. Yellowstone County, Mont. | | |
| Blount-Gulfport, Miss. Hancock County, Miss. Harrison County, Miss. Stone County, Miss. | | |
| Binghamton, N.Y.-Pa. Broome County, N.Y. Tioga County, N.Y. Susquehanna County, Pa. | | |
| Birmingham, Ala. Jefferson County, Ala. St. Clair County, Ala. Shelby County, Ala. Walker County, Ala. | | |
| Blmarck, N. Dak.¹ Burleigh County, N. Dak. Morton County, N. Dak. | | |
| Bloomington, Ind. Monroe County, Ind. | | |
| Bloomington-Normal, Ill. McLean County, Ill. | | |
| Boise City, Idaho Ada County, Idaho | | |

See footnotes at end of appendix.

Standard Metropolitan Statistical Areas—Con.

| SMSA and definition | SMSA and definition | SMSA and definition |
|--|--|---|
| Burlington, Vt.¹—Con. Chittenden County, Vt. (part)—Con. Hinesburg town, Vt. Jericho town, Vt. Jericho village, Vt. Milton town, Vt. Milton village, Vt. Richmond town, Vt. Richmond village, Vt. Shelburne town, Vt. South Burlington city, Vt. St. George town, Vt. Williston town, Vt. Winooski city, Vt. Franklin County, Vt. (part) Georgia town, Vt. Grand Isle County, Vt. (part) South Hero town, Vt. | Columbia, Mo. Boone County, Mo. Columbia, S.C. Lexington County, S.C. Richland County, S.C. Columbus, Ga.-Ala. Russell County, Ala. Chattahoochee County, Ga. Muscogee County, Ga. ⁴ Columbus, Ohio Delaware County, Ohio Fairfield County, Ohio Franklin County, Ohio Madison County, Ohio Pickaway County, Ohio Corpus Christi, Tex. Nueces County, Tex. San Patricio County, Tex. Cumberland, Md.-W. Va.¹ Allegany County, Md. Mineral County, W. Va. Dallas-Fort Worth, Tex. Collin County, Tex. Dallas County, Tex. Denton County, Tex. Ellis County, Tex. Hood County, Tex. Johnson County, Tex. Kaufman County, Tex. Parker County, Tex. Rockwall County, Tex. Tarrant County, Tex. Wise County, Tex. Danbury, Conn. Fairfield County, Conn. (part) Bethel town, Conn. Brookfield town, Conn. Danbury city, Conn. New Fairfield town, Conn. Newtown town, Conn. Redding town, Conn. Litchfield County, Conn. (part) New Milford town, Conn. Danville, Va.¹ Pittsylvania County, Va. Danville city, Va. ² Davenport-Rock Island-Moline, Iowa-Ill. Henry County, Ill. Rock Island County, Ill. Scott County, Iowa Dayton, Ohio Greene County, Ohio Miami County, Ohio Montgomery County, Ohio Preble County, Ohio Daytona Beach, Fla. Volusia County, Fla. Decatur, Ill. Macon County, Ill. Denver-Boulder, Colo. Adams County, Colo. Arapahoe County, Colo. Boulder County, Colo. Denver County, Colo. Douglas County, Colo. Gilpin County, Colo. Jefferson County, Colo. Des Moines, Iowa Polk County, Iowa Warren County, Iowa Detroit, Mich. Lapeer County, Mich. Livingston County, Mich. Macomb County, Mich. Oakland County, Mich. St. Clair County, Mich. Wayne County, Mich. Dubuque, Iowa Dubuque County, Iowa | Duluth-Superior, Minn.-Wis. St. Louis County, Minn. Douglas County, Wis. Eau Claire, Wis. Chippewa County, Wis. Eau Claire County, Wis. El Paso, Tex. El Paso County, Tex. Elkhart, Ind.¹ Elkhart County, Ind. Elmira, N.Y. Chemung County, N.Y. Enid, Okla.¹ Garfield County, Okla. Erie, Pa. Erie County, Pa. Eugene-Springfield, Oreg. Lane County, Oreg. Evansville, Ind.-Ky. Gibson County, Ind. Posey County, Ind. Vanderburgh County, Ind. Warrick County, Ind. Henderson County, Ky. Fall River, Mass.-R.I. Bristol County, Mass. (part) Dighton town, Mass. Fall River city, Mass. Somerset town, Mass. Swansea town, Mass. Westport town, Mass. Newport County, R.I. (part) Little Compton town, R.I. Portsmouth town, R.I. Tiverton town, R.I. Fargo-Moorhead, N. Dak.-Minn. Clay County, Minn. Cass County, N. Dak. Fayetteville, N.C. Cumberland County, N.C. Fayetteville-Springdale, Ark. Benton County, Ark. Washington County, Ark. Fitchburg-Leominster, Mass. Middlesex County, Mass. (part) Shirley town, Mass. Townsend town, Mass. Worcester County, Mass. (part) Fitchburg city, Mass. Leominster city, Mass. Lunenburg town, Mass. Westminster town, Mass. Flint, Mich. Genesee County, Mich. Shiawassee County, Mich. Florence, Ala. Colbert County, Ala. Lauderdale County, Ala. Florence, S.C.¹ Florence County, S.C. Fort Collins, Colo. Larimer County, Colo. Fort Lauderdale-Hollywood, Fla. Broward County, Fla. Fort Myers-Cape Coral, Fla.² Lee County, Fla. Fort Smith, Ark.-Okla. Crawford County, Ark. Sebastian County, Ark. Le Flore County, Okla. Sequoyah County, Okla. Fort Walton Beach, Fla.¹ Okaloosa County, Fla. |

See footnotes at end of appendix.

Standard Metropolitan Statistical Areas—Con.

| SMSA and definition | SMSA and definition | SMSA and definition |
|---|--|--|
| Fort Wayne, Ind. Adams County, Ind. Allen County, Ind. De Kalb County, Ind. Wells County, Ind. | Hartford, Conn.—Con. Hartford County, Conn. (part)—Con. Simsbury town, Conn. South Windsor town, Conn. Suffield town, Conn. West Hartford town, Conn. Wethersfield town, Conn. Windsor Locks town, Conn. Windsor town, Conn. Litchfield County, Conn. (part) New Hartford town, Conn. Middlesex County, Conn. (part) Cromwell town, Conn. East Hampton town, Conn. Portland town, Conn. New London County, Conn. (part) Colchester borough, Conn. Colchester town balance, Conn. Tolland County, Conn. (part) Andover town, Conn. Bolton town, Conn. Columbia town, Conn. Coventry town, Conn. Ellington town, Conn. Hebron town, Conn. Stafford Springs borough, Conn. Stafford town balance, Conn. Tolland town, Conn. Vernon town, Conn. Willington town, Conn. | Jersey City, N.J. Hudson County, N.J. |
| Fresno, Calif. Fresno County, Calif. | Hickory, N.C.¹ Alexander County, N.C. Catawba County, N.C. | Johnson City-Kingsport-Bristol, Tenn.-Va. Carter County, Tenn. Hawkins County, Tenn. Sullivan County, Tenn. Unicoi County, Tenn. Washington County, Tenn. Scott County, Va. Washington County, Va. Bristol city, Va. ² |
| Gadsden, Ala. Etowah County, Ala. | Honolulu, Hawaii Honolulu County, Hawaii | Johnstown, Pa. Cambria County, Pa. Somerset County, Pa. |
| Gainesville, Fla. Alachua County, Fla. | Houston, Tex. Brazoria County, Tex. Fort Bend County, Tex. Harris County, Tex. Liberty County, Tex. Montgomery County, Tex. Waller County, Tex. | Joplin, Mo.¹ Jasper County, Mo. Newton County, Mo. |
| Galveston-Texas City, Tex. Galveston County, Tex. | Huntington-Ashland, W. Va.-Ky.-Ohio Boyd County, Ky. Greenup County, Ky. Lawrence County, Ohio Cabell County, W. Va. Wayne County, W. Va. | Kalamazoo-Portage, Mich. Kalamazoo County, Mich. Van Buren County, Mich. |
| Gary-Hammond-East Chicago, Ind. Lake County, Ind. Porter County, Ind. | Huntsville, Ala. Limestone County, Ala. Madison County, Ala. Marshall County, Ala. | Kankakee, Ill. Kankakee County, Ill. |
| Glens Falls, N.Y.¹ Warren County, N.Y. Washington County, N.Y. | Indianapolis, Ind. Boone County, Ind. Hamilton County, Ind. Hancock County, Ind. Hendricks County, Ind. Johnson County, Ind. Marion County, Ind. Morgan County, Ind. Shelby County, Ind. | Kansas City, Mo.-Kans. Johnson County, Kans. Wyandotte County, Kans. Cass County, Mo. Clay County, Mo. Jackson County, Mo. Platte County, Mo. Ray County, Mo. |
| Grand Forks, N. Dak.-Minn. Polk County, Minn. Grand Forks County, N. Dak. | Iowa City, Iowa¹ Johnson County, Iowa | Kenosha, Wis. Kenosha County, Wis. |
| Grand Rapids, Mich. Kent County, Mich. Ottawa County, Mich. | Jackson, Mich. Jackson County, Mich. | Killeen-Temple, Tex. Bell County, Tex. Coryell County, Tex. |
| Great Falls, Mont. Cascade County, Mont. | Jackson, Miss. Hinds County, Miss. Rankin County, Miss. | Knoxville, Tenn. Anderson County, Tenn. Blount County, Tenn. Knox County, Tenn. Union County, Tenn. |
| Greeley, Colo. Weld County, Colo. | Jacksonville, Fla. Baker County, Fla. Clay County, Fla. Duval County, Fla. Nassau County, Fla. St. Johns County, Fla. | Kokomo, Ind. Howard County, Ind. Tipton County, Ind. |
| Green Bay, Wis. Brown County, Wis. | Jacksonville, N.C.¹ Onslow County, N.C. | La Crosse, Wis. La Crosse County, Wis. |
| Greensboro-Winston-Salem-High Point, N.C. Davidson County, N.C. Forsyth County, N.C. Guilford County, N.C. Randolph County, N.C. Stokes County, N.C. Yadkin County, N.C. | Janesville-Beloit, Wis.¹ Rock County, Wis. | Lafayette, La. Lafayette Parish, La. |
| Greenville-Spartanburg, S.C. Greenville County, S.C. Pickens County, S.C. Spartanburg County, S.C. | | Lafayette-West Lafayette, Ind. Tippecanoe County, Ind. |
| Hagerstown, Md.¹ Washington County, Md. | | Lake Charles, La. Calcasieu Parish, La. |
| Hamilton-Middletown, Ohio Butler County, Ohio | | Lakeland-Winter Haven, Fla. Polk County, Fla. |
| Harrisburg, Pa. Cumberland County, Pa. Dauphin County, Pa. Perry County, Pa. | | Lancaster, Pa. Lancaster County, Pa. |
| Hartford, Conn. Hartford County, Conn. (part) Avon town, Conn. Bloomfield town, Conn. Canton town, Conn. East Granby town, Conn. East Hartford town, Conn. East Windsor town, Conn. Enfield town, Conn. Farmington town, Conn. Glastonbury town, Conn. Granby town, Conn. Hartford city, Conn. Manchester town, Conn. Marlborough town, Conn. Newington town, Conn. Rocky Hill town, Conn. | | Lansing-East Lansing, Mich. Clinton County, Mich. Eaton County, Mich. Ingham County, Mich. Ionia County, Mich. |

See footnotes at end of appendix.

Standard Metropolitan Statistical Areas—Con.

| SMSA and definition | SMSA and definition | SMSA and definition |
|---|--|---|
| Lawrence-Haverhill, Mass.-N.H. Essex County, Mass. (part) Amesbury town, Mass. Andover town, Mass. Georgetown town, Mass. Groveland town, Mass. Haverhill city, Mass. Lawrence city, Mass. Merrimac town, Mass. Methuen town, Mass. North Andover town, Mass. Salisbury town, Mass. West Newbury town, Mass. Rockingham County, N.H. (part) Atkinson town, N.H. Hampstead town, N.H. Kingston town, N.H. Newton town, N.H. Plaistow town, N.H. Salem town, N.H. Windham town, N.H. | Macon, Ga. Bibb County, Ga. Houston County, Ga. Jones County, Ga. Twiggs County, Ga. Madison, Wis. Dane County, Wis. Manchester, N.H. Hillsborough County, N.H. (part) Bedford town, N.H. Goffstown town, N.H. Manchester city, N.H. Merrimack County, N.H. (part) Allenstown town, N.H. Hooksett town, N.H. Pembroke town, N.H. Rockingham County, N.H. (part) Derry town, N.H. Londonderry town, N.H. | Nashua, N.H. Hillsborough County, N.H. (part) Amherst town, N.H. Hudson town, N.H. Merrimack town, N.H. Milford town, N.H. Nashua city, N.H. Nashville-Davidson, Tenn. Cheatham County, Tenn. Davidson County, Tenn. Dickson County, Tenn. Robertson County, Tenn. Rutherford County, Tenn. Sumner County, Tenn. Williamson County, Tenn. Wilson County, Tenn. |
| Lawton, Okla. Comanche County, Okla. | Mansfield, Ohio Richland County, Ohio | Nassau-Suffolk, N.Y. Nassau County, N.Y. Suffolk County, N.Y. |
| Lewiston-Auburn, Maine Androscoggin County, Maine (part) Auburn city, Maine Lewiston city, Maine Lisbon town, Maine | McAllen-Pharr-Edinburg, Tex. Hidalgo County, Tex. | New Bedford, Mass. Bristol County, Mass. (part) Acushnet town, Mass. Dartmouth town, Mass. Fairhaven town, Mass. Freetown town, Mass. New Bedford city, Mass. |
| Lexington-Fayette, Ky. Bourbon County, Ky. Clark County, Ky. Fayette County, Ky. Jessamine County, Ky. Scott County, Ky. Woodford County, Ky. | Medford, Oreg.¹ Jackson County, Oreg. | Plymouth County, Mass. (part) Lakeville town, Mass. Marion town, Mass. Mattapoisett town, Mass. |
| Lima, Ohio Allen County, Ohio Auglaize County, Ohio Putnam County, Ohio Van Wert County, Ohio | Melbourne-Titusville-Cocoa, Fla. Brevard County, Fla. | New Britain, Conn. Hartford County, Conn. (part) Berlin town, Conn. New Britain city, Conn. Plainville town, Conn. Southington town, Conn. |
| Lincoln, Nebr. Lancaster County, Nebr. | Memphis, Tenn.-Ark.-Miss. Crittenden County, Ark. De Soto County, Miss. Shelby County, Tenn. Tipton County, Tenn. | New Brunswick-Perth Amboy-Sayreville, N.J. Middlesex County, N.J. |
| Little Rock-North Little Rock, Ark. Pulaski County, Ark. Saline County, Ark. | Meriden, Conn. New Haven County, Conn. (part) Meriden city, Conn. | New Haven-West Haven, Conn. Middlesex County, Conn. (part) Clinton town, Conn. |
| Long Branch-Asbury Park, N.J. Monmouth County, N.J. | Miami, Fla. Dade County, Fla. | New Haven County, Conn. (part) Bethany town, Conn. Branford town, Conn. East Haven town, Conn. Guilford town, Conn. Hamden town, Conn. |
| Longview-Marshall, Tex.⁴ Gregg County, Tex. Harrison County, Tex. | Midland, Tex. Midland County, Tex. | Madison town, Conn. New Haven city, Conn. North Branford town, Conn. North Haven town, Conn. Orange town, Conn. |
| Lorain-Elyria, Ohio Lorain County, Ohio | Milwaukee, Wis. Milwaukee County, Wis. Ozaukee County, Wis. Washington County, Wis. Waukesha County, Wis. | Wallingford town, Conn. West Haven city, Conn. Woodbridge town, Conn. |
| Los Angeles-Long Beach, Calif. Los Angeles County, Calif. | Minneapolis-St. Paul, Minn.-Wis. Anoka County, Minn. Carver County, Minn. Chisago County, Minn. Dakota County, Minn. Hennepin County, Minn. Ramsey County, Minn. Scott County, Minn. Washington County, Minn. Wright County, Minn. St. Croix County, Wis. | New London-Norwich, Conn.-R.I. Middlesex County, Conn. (part) Fenwick borough, Conn. ⁷ Old Saybrook town, Conn. |
| Louisville, Ky.-Ind. Clark County, Ind. Floyd County, Ind. Bullitt County, Ky. Jefferson County, Ky. Oldham County, Ky. | Mobile, Ala. Baldwin County, Ala. Mobile County, Ala. | New London County, Conn. (part) Bozrah town, Conn. East Lyme town, Conn. Griswold town balance, Conn. Groton city, Conn. Groton town balance, Conn. |
| Lowell, Mass.-N.H. Middlesex County, Mass. (part) Billerica town, Mass. Chelmsford town, Mass. Dracut town, Mass. Lowell city, Mass. Tewksbury town, Mass. Tyngsborough town, Mass. Westford town, Mass. | Modesto, Calif. Stanislaus County, Calif. | Jewett City borough, Conn. Ledyard town, Conn. Lisbon town, Conn. Montville town, Conn. New London city, Conn. |
| Hillsborough County, N.H. (part) Pelham town, N.H. | Monroe, La. Ouachita Parish, La. | |
| Lubbock, Tex. Lubbock County, Tex. | Montgomery, Ala. Autauga County, Ala. Elmore County, Ala. Montgomery County, Ala. | |
| Lynchburg, Va. Amherst County, Va. Appomattox County, Va. Campbell County, Va. Lynchburg city, Va. ² | Muncie, Ind. Delaware County, Ind. | |
| | Muskegon-Norton Shores-Muskegon Heights, Mich. Muskegon County, Mich. Oceana County, Mich. | |

See footnotes at end of appendix.

Standard Metropolitan Statistical Areas—Con.

| SMSA and definition | SMSA and definition | SMSA and definition |
|--|--|---|
| <p>New London-Norwich, Conn.-R.I.—Con. New London County, Conn. (part)—Con. Norwich city, Conn. Old Lyme town, Conn. Preston town, Conn. Sprague town, Conn. Stonington town, Conn. Waterford town, Conn.</p> <p>Washington County, R.I. (part) Hopkinton town, R.I. Westerly town, R.I.</p> | <p>Orlando, Fla. Orange County, Fla. Osceola County, Fla. Seminole County, Fla.</p> <p>Owensboro, Ky. Daviess County, Ky.</p> <p>Oxnard-Simi Valley-Ventura, Calif. Ventura County, Calif.</p> | <p>Portland, Maine—Con. Cumberland County, Maine (part)—Con. Portland city, Maine Scarborough town, Maine South Portland city, Maine Westbrook city, Maine Windham town, Maine Yarmouth town, Maine</p> <p>York County, Maine (part) Old Orchard Beach town, Maine Saco city, Maine</p> |
| <p>New Orleans, La. Jefferson Parish, La. Orleans Parish, La. St. Bernard Parish, La. St. Tammany Parish, La.</p> | <p>Panama City, Fla. Bay County, Fla.</p> | <p>Portland, Oreg.-Wash. Clackamas County, Oreg. Multnomah County, Oreg. Washington County, Oreg. Clark County, Wash.</p> |
| <p>New York, N.Y.-N.J. Bergen County, N.J. Bronx County, N.Y. Kings County, N.Y. New York County, N.Y. Putnam County, N.Y.</p> <p>Queens County, N.Y. Richmond County, N.Y. Rockland County, N.Y. Westchester County, N.Y.</p> | <p>Parkersburg-Marietta, W. Va.-Ohio Washington County, Ohio Wirt County, W. Va. Wood County, W. Va.</p> | <p>Portsmouth-Dover-Rochester, N.H.-Maine¹ York County, Maine (part) Berwick town, Maine Eliot town, Maine Kittery town, Maine South Berwick town, Maine York town, Maine</p> |
| <p>Newark, N.J. Essex County, N.J. Morris County, N.J. Somerset County, N.J. Union County, N.J.</p> | <p>Pascagoula-Moss Point, Miss. Jackson County, Miss.</p> | <p>Rockingham County, N.H. (part) Greenland town, N.H. Hampton town, N.H. New Castle town, N.H. Newfields town, N.H. Newington town, N.H.</p> |
| <p>Newark, Ohio¹ Licking County, Ohio</p> | <p>Paterson-Clifton-Passaic, N.J. Passaic County, N.J.</p> | <p>Newmarket town, N.H. North Hampton town, N.H. Portsmouth city, N.H. Rye town, N.H.</p> |
| <p>Newburgh-Middletown, N.Y.¹ Orange County, N.Y.</p> | <p>Pensacola, Fla. Escambia County, Fla. Santa Rosa County, Fla.</p> | <p>Strafford County, N.H. (part) Barrington town, N.H. Dover city, N.H. Durham town, N.H. Farmington town, N.H. Lee town, N.H.</p> |
| <p>Newport News-Hampton, Va. Gloucester County, Va. James City County, Va. York County, Va. Hampton city, Va.² Newport News city, Va.² Poquoson city, Va.² Williamsburg city, Va.²</p> | <p>Peoria, Ill. Peoria County, Ill. Tazewell County, Ill. Woodford County, Ill.</p> | <p>Madbury town, N.H. Rochester city, N.H. Rollinsford town, N.H. Somersworth city, N.H.</p> |
| <p>Norfolk-Virginia Beach-Portsmouth, Va.-N.C. Currituck County, N.C. Chesapeake city, Va.² Norfolk city, Va.² Portsmouth city, Va.² Suffolk city, Va.² Virginia Beach city, Va.²</p> | <p>Petersburg-Colonial Heights-Hopewell, Va. Dinwiddie County, Va. Prince George County, Va. Colonial Heights city, Va.² Hopewell city, Va.² Petersburg city, Va.²</p> | <p>Poughkeepsie, N.Y. Dutchess County, N.Y.</p> |
| <p>Northeast Pennsylvania Lackawanna County, Pa. Luzerne County, Pa. Monroe County, Pa.</p> | <p>Philadelphia, Pa.-N.J. Burlington County, N.J. Camden County, N.J. Gloucester County, N.J. Bucks County, Pa. Chester County, Pa.</p> | <p>Providence-Warwick-Pawtucket, R.I.-Mass. Bristol County, Mass. (part) Attleboro city, Mass. North Attleborough town, Mass. Norton town, Mass. Rehoboth town, Mass. Seekonk town, Mass.</p> |
| <p>Norwalk, Conn. Fairfield County, Conn. (part) Norwalk city, Conn. Weston town, Conn. Westport town, Conn. Wilton town, Conn.</p> | <p>Phoenix, Ariz. Maricopa County, Ariz.</p> | <p>Norfolk County, Mass. (part) Plainville town, Mass.</p> |
| <p>Ocala, Fla.¹ Marion County, Fla.</p> | <p>Pine Bluff, Ark. Jefferson County, Ark.</p> | <p>Worcester County, Mass. (part) Blackstone town, Mass. Millville town, Mass.</p> |
| <p>Odessa, Tex. Ector County, Tex.</p> | <p>Pittsburgh, Pa. Allegheny County, Pa. Beaver County, Pa. Washington County, Pa. Westmoreland County, Pa.</p> | <p>Bristol County, R.I. Barrington town, R.I. Bristol town, R.I. Warren town, R.I.</p> |
| <p>Oklahoma City, Okla. Canadian County, Okla. Cleveland County, Okla. McClain County, Okla. Oklahoma County, Okla. Pottawatomie County, Okla.</p> | <p>Pittsfield, Mass. Berkshire County, Mass. (part) Adams town, Mass. Cheshire town, Mass. Dalton town, Mass. Lanesborough town, Mass. Lee town, Mass.</p> | <p>Kent County, R.I. (part) Coventry town, R.I. East Greenwich town, R.I. Warwick city, R.I. West Warwick town, R.I.</p> |
| <p>Olympia, Wash.¹ Thurston County, Wash.</p> | <p>Lenox town, Mass. Pittsfield city, Mass. Stockbridge town, Mass.</p> | <p>Newport County, R.I. (part) Jamestown town, R.I.</p> |
| <p>Omaha, Nebr.-Iowa Pottawattamie County, Iowa Douglas County, Nebr. Sarpy County, Nebr.</p> | <p>Portland, Maine Cumberland County, Maine (part) Cape Elizabeth town, Maine Cumberland town, Maine Falmouth town, Maine Freeport town, Maine Gorham town, Maine</p> | <p>Providence County, R.I. (part) Burrillville town, R.I. Central Falls city, R.I. Cranston city, R.I. Cumberland town, R.I. East Providence city, R.I.</p> |

See footnotes at end of appendix.

Standard Metropolitan Statistical Areas—Con.

| SMSA and definition | SMSA and definition | SMSA and definition |
|--|--|---|
| Providence-Warwick-Pawtucket, R.I.-Mass.—Con. Providence County, R.I. (part)—Con. Providence city, R.I. Scituate town, R.I. Smithfield town, R.I. Woonsocket city, R.I. Washington County, R.I. (part) Narragansett town, R.I. North Kingstown town, R.I. South Kingstown town, R.I. | St. Louis, Mo.-Ill. Clinton County, Ill. Madison County, Ill. Monroe County, Ill. St. Clair County, Ill. Franklin County, Mo. Jefferson County, Mo. St. Charles County, Mo. St. Louis County, Mo. St. Louis city, Mo. ² | Springfield, Ill. Menard County, Ill. Sangamon County, Ill. |
| Provo-Orem, Utah Utah County, Utah | Salem, Oreg. Marion County, Oreg. Polk County, Oreg. | Springfield, Mo. Christian County, Mo. Greene County, Mo. |
| Pueblo, Colo. Pueblo County, Colo. | Salinas-Seaside-Monterey, Calif. Monterey County, Calif. | Springfield, Ohio Champaign County, Ohio Clark County, Ohio |
| Racine, Wis. Racine County, Wis. | Salisbury-Concord, N.C.¹ Cabarrus County, N.C. Rowan County, N.C. | Springfield-Chicopee-Holyoke, Mass.-Conn. Tolland County, Conn. (part) Somers town, Conn. |
| Raleigh-Durham, N.C. Durham County, N.C. Orange County, N.C. Wake County, N.C. | Salt Lake City-Ogden, Utah Davis County, Utah Salt Lake County, Utah Tooele County, Utah Weber County, Utah | Hampden County, Mass. (part) Agawam town, Mass. Chicopee city, Mass. East Longmeadow town, Mass. Hampden town, Mass. Holyoke city, Mass. |
| Reading, Pa. Berks County, Pa. | San Angelo, Tex. Tom Green County, Tex. | Longmeadow town, Mass. Ludlow town, Mass. Monson town, Mass. Palmer town, Mass. Southwick town, Mass. |
| Redding, Calif.¹ Shasta County, Calif. | San Antonio, Tex. Bexar County, Tex. Comal County, Tex. Guadalupe County, Tex. | Springfield city, Mass. West Springfield town, Mass. Westfield city, Mass. Wilbraham town, Mass. |
| Reno, Nev. Washoe County, Nev. | San Diego, Calif. San Diego County, Calif. | Hampshire County, Mass. (part) Belchertown town, Mass. Easthampton town, Mass. Granby town, Mass. Hadley town, Mass. Hatfield town, Mass. |
| Richland-Kennewick-Pasco, Wash.⁸ Benton County, Wash. Franklin County, Wash. | San Francisco-Oakland, Calif. Alameda County, Calif. Contra Costa County, Calif. Marin County, Calif. San Francisco County, Calif. San Mateo County, Calif. | Northampton city, Mass. South Hadley town, Mass. Southampton town, Mass. |
| Richmond, Va. Charles City County, Va. Chesterfield County, Va. Goochland County, Va. Hanover County, Va. Henrico County, Va. New Kent County, Va. Powhatan County, Va. Richmond city, Va. ² | San Jose, Calif. Santa Clara County, Calif. | Worcester County, Mass. (part) Warren town, Mass. |
| Riverside-San Bernardino-Ontario, Calif. Riverside County, Calif. San Bernardino County, Calif. | Santa Barbara-Santa Maria-Lompoc, Calif. Santa Barbara County, Calif. | Stamford, Conn. Fairfield County, Conn. (part) Darien town, Conn. Greenwich town, Conn. New Canaan town, Conn. Stamford city, Conn. |
| Roanoke, Va. Botetourt County, Va. Craig County, Va. Roanoke County, Va. Roanoke city, Va. ² Salem city, Va. ² | Santa Cruz, Calif. Santa Cruz County, Calif. | State College, Pa.¹ Centre County, Pa. |
| Rochester, Minn. Olmsted County, Minn. | Santa Rosa, Calif. Sonoma County, Calif. | Steubenville-Weirton, Ohio-W. Va. Jefferson County, Ohio Brooke County, W. Va. Hancock County, W. Va. |
| Rochester, N.Y. Livingston County, N.Y. Monroe County, N.Y. Ontario County, N.Y. Orleans County, N.Y. Wayne County, N.Y. | Sarasota, Fla. Sarasota County, Fla. | Stockton, Calif. San Joaquin County, Calif. |
| Rockford, Ill. Boone County, Ill. Winnebago County, Ill. | Savannah, Ga. Bryan County, Ga. Chatham County, Ga. Effingham County, Ga. | Syracuse, N.Y. Madison County, N.Y. Onondaga County, N.Y. Oswego County, N.Y. |
| Rock Hill, S.C.¹ York County, S.C. | Seattle-Everett, Wash. King County, Wash. Snohomish County, Wash. | Tacoma, Wash. Pierce County, Wash. |
| Sacramento, Calif. Placer County, Calif. Sacramento County, Calif. Yolo County, Calif. | Sharon, Pa.¹ Mercer County, Pa. | Tallahassee, Fla. Leon County, Fla. Wakulla County, Fla. |
| Saginaw, Mich. Saginaw County, Mich. | Sheboygan, Wis.¹ Sheboygan County, Wis. | Tampa-St. Petersburg, Fla. Hillsborough County, Fla. Pasco County, Fla. Pinellas County, Fla. |
| St. Cloud, Minn. Benton County, Minn. Sherburne County, Minn. Stearns County, Minn. | Sherman-Denison, Tex. Grayson County, Tex. | Terre Haute, Ind. Clay County, Ind. Sullivan County, Ind. Vermillion County, Ind. Vigo County, Ind. |
| St. Joseph, Mo. Andrew County, Mo. Buchanan County, Mo. | Shreveport, La. Bossier Parish, La. Caddo Parish, La. Webster Parish, La. | Texarkana, Tex.-Texarkana, Ark. Little River County, Ark. Miller County, Ark. Bowie County, Tex. |
| | Sioux City, Iowa-Nebr. Woodbury County, Iowa Dakota County, Nebr. | |
| | Sioux Falls, S. Dak. Minnehaha County, S. Dak. | |
| | South Bend, Ind. Marshall County, Ind. St. Joseph County, Ind. | |
| | Spokane, Wash. Spokane County, Wash. | |

See footnotes at end of appendix.

Standard Metropolitan Statistical Areas—Con.

| SMSA and definition | SMSA and definition | SMSA and definition |
|--|---|---|
| Toledo, Ohio-Mich. Monroe County, Mich. Fulton County, Ohio Lucas County, Ohio Ottawa County, Ohio Wood County, Ohio | Washington, D.C.-Md.-Va. Washington, D.C. Charles County, Md. Montgomery County, Md. Prince George's County, Md. Arlington County, Va. Fairfax County, Va. Loudoun County, Va. Prince William County, Va. Alexandria city, Va. ² Fairfax city, Va. ² | Wichita Falls, Tex. Clay County, Tex. Wichita County, Tex. |
| Topeka, Kans. Jefferson County, Kans. Osage County, Kans. Shawnee County, Kans. | Waterbury, Conn. Litchfield County, Conn. (part) Thomaston town, Conn. Watertown town, Conn. Woodbury town, Conn. | Williamsport, Pa. Lycoming County, Pa. |
| Trenton, N.J. Mercer County, N.J. | Waterloo-Cedar Falls, Iowa Black Hawk County, Iowa | Wilmington, Del.-N.J.-Md. New Castle County, Del. Cecil County, Md. Salem County, N.J. |
| Tucson, Ariz. Pima County, Ariz. | Wausau, Wis.¹ Marathon County, Wis. | Wilmington, N.C. Brunswick County, N.C. New Hanover County, N.C. |
| Tulsa, Okla. Creek County, Okla. Mayes County, Okla. Osage County, Okla. Rogers County, Okla. Tulsa County, Okla. Wagoner County, Okla. | West Palm Beach-Boca Raton, Fla. Palm Beach County, Fla. | Worcester, Mass. Worcester County, Mass. (part) Auburn town, Mass. Berlin town, Mass. Boylston town, Mass. Brookfield town, Mass. Charlton town, Mass. East Brookfield town, Mass. Grafton town, Mass. Holden town, Mass. Leicester town, Mass. Millbury town, Mass. North Brookfield town, Mass. Northborough town, Mass. Northbridge town, Mass. Oxford town, Mass. Paxton town, Mass. Shrewsbury town, Mass. Spencer town, Mass. Sterling town, Mass. Sutton town, Mass. Upton town, Mass. Uxbridge town, Mass. Webster town, Mass. West Boylston town, Mass. Westborough town, Mass. Worcester city, Mass. |
| Tuscaloosa, Ala. Tuscaloosa County, Ala. | Wheeling, W. Va.-Ohio Belmont County, Ohio Marshall County, W. Va. Ohio County, W. Va. | Yakima, Wash. Yakima County, Wash. |
| Tyler, Tex. Smith County, Tex. | Wichita, Kans. Butler County, Kans. Sedgwick County, Kans. | York, Pa. Adams County, Pa. York County, Pa. |
| Utica-Rome, N.Y. Herkimer County, N.Y. Oneida County, N.Y. | | Youngstown-Warren, Ohio Mahoning County, Ohio Trumbull County, Ohio |
| Vallejo-Fairfield-Napa, Calif. Napa County, Calif. Solano County, Calif. | | Yuba City, Calif.¹ Sutter County, Calif. Yuba County, Calif. |
| Victoria, Tex.¹ Victoria County, Tex. | | |
| Vineland-Millville-Bridgeton, N.J. Cumberland County, N.J. | | |
| Visalia-Tulare-Porterville, Calif.¹ Tulare County, Calif. | | |
| Waco, Tex. McLennan County, Tex. | | |

¹New SMSA since 1977 Economic Censuses.

²Independent of any county and considered a county equivalent.

³Milford town balance and Woodmont borough added since 1977 Economic Censuses.

⁴Muscooke County has been reinstated as a county. It replaced the county equivalent record for the independent city of Columbus.

⁵1977 title was Fort Myers, Fla.

⁶1977 title was Longview, Tex.

⁷Fenwick borough added since 1977 Economic Censuses.

⁸1977 title was Richland-Kennewick, Wash.

REFERENCE MATERIALS • ORDER FORMS • PUBLICATION CORRECTIONS

Please send me the items marked (X) below.


- ☐ Corrections (if there are any) for this publication—**Manufactures, General Summary, MC82-S-1 (Part 1)**

If you purchase several different reports from the 1982 Economic Censuses, you should complete this form from each of the reports and return it to the address shown below to receive publication corrections. However, you should complete the following on **only** one of the forms.

- ☐ Guide to the 1982 Economic Censuses and Related Statistics
- ☐ Monthly Product Announcement—A monthly notice of all products released by the Census Bureau during the previous month—useful primarily to persons who plan to purchase publications, tapes, etc., in the future.

Publication announcements and order forms — Mark (X) subjects in which you are interested.

- | | | |
|--|--|---|
| <input type="checkbox"/> Retail Trade | <input type="checkbox"/> Economic Censuses of Outlying Areas (Puerto Rico, Guam, Virgin Islands, and Northern Mariana Islands) | <input type="checkbox"/> Governments |
| <input type="checkbox"/> Wholesale Trade | | <input type="checkbox"/> Foreign Trade |
| <input type="checkbox"/> Service Industries | <input type="checkbox"/> Enterprise Statistics | <input type="checkbox"/> Population |
| <input type="checkbox"/> Construction Industries | <input type="checkbox"/> Minority- and Women-Owned Businesses | <input type="checkbox"/> Housing |
| <input type="checkbox"/> Manufacturing | <input type="checkbox"/> Agriculture | <input type="checkbox"/> International Statistics |
| <input type="checkbox"/> Mineral Industries | <input type="checkbox"/> County Business Patterns | <input type="checkbox"/> Geography |
| <input type="checkbox"/> Transportation | <input type="checkbox"/> Quarterly Financial Report | <input type="checkbox"/> Guides, Catalogs, etc. |

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|----------------|-------|----------|---|
| Name | | | Mail completed form to  Customer Services DUSD Bureau of the Census Washington, D.C. 20233 |
| Organization | | | |
| Address/PO Box | | | |
| City | State | ZIP Code | |



PUBLICATION PROGRAM

1982 CENSUS OF MANUFACTURES

Publications of the 1982 Census of Manufactures, containing preliminary and final data on manufacturing establishments in the United States, are described below. Publication order forms for the specific reports may be obtained from any Department of Commerce district office or from Data User Services Division, Customer Services (Publications), Bureau of the Census, Washington, D.C. 20233

Preliminary Reports

Preliminary industry data are issued in 443 separate reports covering 452 industries (or combinations of industries). Preliminary data for States are grouped and released in reports for each of the nine census geographic divisions.

Final Reports

Final detailed statistics are issued in separate paperbound reports.

Industry series—82 reports (MC82-I-20A to -39D)

Each of the 82 reports provides information for a group of related industries (e.g., "dairy products" includes industries for butter, cheese, milk, etc.). Final figures for the United States are shown for each of the 452 manufacturing industries on quantity and value of products shipped and materials consumed, cost of fuels and electric energy, capital expenditures, assets, rents, inventories, employment, payroll, payroll supplements, hours worked, value added by manufacture, number of establishments, and number of companies. Comparative statistics for earlier years are provided where available.

For each industry, data on value of shipments, value added by manufacture, capital expenditures, employment, and payroll are shown by employment-size class of establishment and degree of primary product specialization. Statistics are given on production of specific products and consumption of energy and various materials by industry.

Geographic area series—51 reports (MC82-A-1 to -51)

A separate report for each State and the District of Columbia presents data for industry groups and industries on value of shipments, cost of materials, value added by manufacture, employment, payroll, hours worked, new capital expenditures, and number of manufacturing establishments for the State, SMSA's, and large industrial counties and places. Comparative statistics for earlier census years are shown for the State and large SMSA's. Manufacturing totals are presented for each county and for places with significant manufacturing activity. Detailed statistics—including inventories, assets, rents, and energy costs—are presented only in statewide totals.

Subject series—10 reports (MC82-S-1 to -10)

Each of the 10 reports contains detailed statistics for an individual subject, such as: selected materials consumed, selected metalworking

operations, manufacturing activity in government establishments, concentration ratios in manufacturing, type of organization, water use in manufacturing, fuels and electric energy consumed (separate publications for industry statistics, and State and SMSA statistics), textile machinery in place, production indexes, and a general National-level summary.

Final Report Volumes

Final paperbound reports subsequently are assembled and reissued in clothbound volumes.

- Volume I. Summary and Subject Statistics—data previously issued in series MC82-S.
- Volume II. Industry Statistics—data previously issued in series MC82-I.
 - Part 1. Major Groups 20 to 26
 - Part 2. Major Groups 27 to 34
 - Part 3. Major Groups 35 to 39
- Volume III. Geographic Area Statistics—data previously issued in series MC82-A.
 - Part 1. Alabama to Montana
 - Part 2. Nebraska to Wyoming

Microfiche

All published data also are available on microfiche.

Computer Tapes

Selected data—generally detailed information by industry and/or geographic area—also are available on public-use computer tapes. For the selected data, these tapes will provide the same information found in the final reports. Public-use computer tapes are available for users who wish to summarize, rearrange, or process large amounts of data. These tapes, with corresponding technical documentation, are sold by Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, D.C. 20233.

OTHER ECONOMIC CENSUSES REPORTS

Data on retail trade, wholesale trade, service industries, construction industries, mineral industries, enterprise statistics, minority-owned businesses, women-owned businesses, and transportation also are issued as part of the 1982 Economic Censuses. A separate series of reports covers the censuses of outlying areas—Puerto Rico, Virgin Islands of the United States, Guam, and the Northern Mariana Islands. All published reports and microfiche are sold by the Superintendent of Documents, U. S. Government Printing Office. Appropriate announcements and order forms describing these products are available free of charge from Data User Services Division, Customer Services (Publications), Bureau of the Census, Washington, D.C. 20233.

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